

NEXUS

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CONTENTS

LETTERS TO THE EDITOR.....	4	THE CHANDLER WOBBLE.....	49
GLOBAL NEWS.....	6	<i>By Michael W. Mandeville. The constant changing of the north and south poles as the Earth wobbles in regular cycles around its spin axis is responsible for major tectonic and volcanic activity as well as the El Niño oscillation and global warming.</i>	
<i>News you may have missed, including the GE/GM threat to organic farming, a proposed ID card to combat identity theft in the UK, and the blunders of George W. Bush on his recent trip to Europe.</i>		FUSION POWER AND ET SPACE TECHNOLOGY.....	55
THE WAR ON FREEDOM.....	11	<i>Interview by Robert Stanley. Space technology consultant David Adair can discuss his 1971 visit to Area 51 because, being a minor at the time, he did not have to sign a national security oath.</i>	
<i>By Nafeez Mosaddeq Ahmed. Evidence points to powerful US interests having much to gain from the events of September 11, as is being seen in the grab for land and influence in and around Afghanistan.</i>		THE TWILIGHT ZONE.....	61
THE ILLUSION OF HIV & AIDS STATISTICS.....	19	<i>Paradigm-changing items—including Dr Steven Greer's warning of a possible hoaxed threat from space, and a report on a district in Chile that's become an official UFO tourism zone.</i>	
<i>By Prof. Jens Jerndal. Statistics on the global spread of so-called HIV and AIDS are the product of flawed science, sampling and testing as well as vested interests intent on promoting a pandemic.</i>		REVIEWS—Books.....	65
DEATH BY DOCTORING—Part 1.....	23	<i>"The Reconnection: Heal Others, Heal Yourself" by Dr Eric Pearl</i>	
<i>By Steven Ransom. Orthodox anticancer treatments like chemotherapy have dismal success records, yet medical practitioners still inflict them on their patients and ignore the proven alternatives.</i>		<i>"The War on Freedom" by Nafeez Mosaddeq Ahmed</i>	
THE GREAT CON-OLA.....	31	<i>"Natural Solutions to PMS" by Marilyn Glenville, PhD</i>	
<i>By Sally Fallon and Mary G. Enig. Canola, an oilseed crop bred from rapeseed, has undesirable health effects when used as the main source of dietary fats—contrary to the marketing hype.</i>		<i>"The Hidden Drug: Dietary Phosphate" by Hertha Hafer</i>	
THE DOTTO RING—Part 1.....	37	<i>"Practical Psychic Self-Defense" by Robert Bruce</i>	
<i>By Dr Gianni Dotto. The secret of the Hunzas' famed good health and longevity could be tapped with a thermionic couple device that recreated the mountainous area's special magnetic environment.</i>		<i>"The Holy Order of Water" by William E. Marks</i>	
SCIENCE NEWS.....	43	<i>"Getting Rid of Ritalin" by Robert Hill, PhD, & Eduardo Castro, MD</i>	
<i>By Dr Jean-Pierre Petit. As an attempt to explain the Pioneer space probes' anomalous behaviour beyond our solar system, the "double universe" model is light years ahead of the "dark matter" hypothesis.</i>		<i>"The Stone Puzzle of Rosslyn Chapel" by Philip Coppens</i>	
		<i>"The Sabian Symbols as an Oracle" by Lynda Hill</i>	
		<i>"The Brookhaven Connection" by Wade Gordon</i>	
		<i>"The Handbook of Rife Frequency Healing" by Nina Silver, PhD</i>	
		<i>"The New Rulers of the World" by John Pilger</i>	
		<i>"Rogue State" by William Blum</i>	
		REVIEWS—Videos.....	71
		<i>"The Truth and Lies of 9-11" with Mike Ruppert</i>	
		<i>2002 NEXUS Conference Videos</i>	
		REVIEWS—Music.....	73
		<i>"Taiko Ne Sekai" by TaikOz</i>	
		<i>"Once in a Red Moon" by Secret Garden</i>	
		<i>"Mondo Rama" by Jai Uttal and the Pagan Love Orchestra</i>	
		<i>"Vhunze Moto" by Oliver Mtukudzi</i>	
		<i>"Planet Yoga" by various artists</i>	
		NEXUS BOOKS, VIDEOS, ADS, SUBS.....	81-88

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STATEMENT OF PURPOSE

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Editorial

It has been a busy few months here at NEXUS head office. Two trade fairs and our annual conference meant I was on the road for a few weeks with our trusty laptop. The Conference in Sydney went off without a hitch, except for the mysterious theft of Mike Ruppert's laptop. The two-day event was fully attended and we have received many letters and emails from satisfied attendees.

The next NEXUS Conference is being held in Amsterdam, over the last weekend in March 2003. This is an initiative from Herman Hegge, who runs the NEXUS Europe Office—which is based in a cute Dutch coastal village about one hour's drive from downtown Amsterdam. We have put together a great line-up of speakers, and I get the honour of presenting them to you at the conference itself. This is going to be a unique event which I really hope you can attend. Amsterdam is a very accessible, fun and affordable city to visit. As well as the speakers, there will be plenty of stalls and exhibits. See the advert this issue for further details, or visit the website at <http://www.nexusconference.com>.

NEXUS now has an office in Chile, where the magazine is being translated into Spanish. I extend a big welcome to Simon Fuentes and the team in Talca, Chile. If you would like more information on how to obtain the Spanish-language edition, visit their new website at <http://www.nexusmagazine.cl>.

And still on NEXUS-related events, there are a couple of archaeological adventures coming up—this time, being organised and led by David Hatcher Childress. There are two trips on offer: one to the pyramids of Mexico, and the other to "mysterious Peru". I intend to be on the Peru trip, and it would be great to have some NEXUS readers aboard. Visit our website at <http://www.nexusmagazine.com> for more details.

By the time many of you read this editorial, it will be about one year since the horrific events of September 11. We have selected an appropriate and informative overview of how the "war on terrorism" has become the "war on freedom", and we urge you read it.

Another issue that's always in the news is "the latest HIV and AIDS statistics". Every few weeks we are told that millions are infected here or there, but is this really the case? Read about the financial, political and medical reasons why these AIDS statistics are likely to be inaccurate and misleading—and, in many cases, are outright lies.

Canola oil is another one of those "health choices" foisted on the uninformed by the edible oil industry and its marketing spin doctors. Unfortunately, canola oil is not the good oil that it's made out to be, so read the article this issue and learn why canola should be avoided.

"Death by Doctoring" is yet another great contribution from Steven Ransom. For how long are people going to hand over responsibility for their own health to the mainstream medical health system? Articles like this one make you realise that modern medicine has become a modern religion—and a corrupt one at that!

Science News has an interesting article, one which represents a new line of exploration in NEXUS. The idea of twin/parallel/alternative universes with "mirrored" matter/antimatter is very exciting. I have half a trayful of unsolicited submissions on this topic alone, from scientists all around the globe, so stay tuned for more.

The interview with David Adair also interested me immensely. His insights into the Area 51 facility circa 1971, the description of the alien craft which responded to thought, the social mixing with bigwigs in rocket science...what a story; what a life!

And finally, I have to confess to tearing up many previous efforts at this editorial. I was sorely tempted to dedicate this entire space to "having a go" at the USA, George W. Bush, the UK, George W. Bush, plus other countries currently raping and pillaging weaker nations, and George W. Bush again. But how could I seriously blame Bush? I mean, he is a complete idiot, and everyone around him knows it. Very few dare point out the obvious any more.

Words escaped me so much that, while adrift on a wordless sea of frustration, I discovered the perfect quote to sum up what I feel in my heart. Thank you, Joe McMoneagle, for helping me remember that there is a bigger picture.

Duncan

I believe that "civilization" is a term used to describe a very thin coating of fantasy humanity has sprayed across the globe; it's kind of our own self-delusion. The sin - gle biggest threat to almost all developing cultures is currently viewed as being the American Culture. This ideal of American Culture is born out of the issues our own media view as important to us—with a focus on greed, hypocrisy and violence.

— Joe McMoneagle

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Letters to the Editor ...

Myths of Vegetarianism

Dear Editor: Thank you for the wonderful and enlightening article by Dr Byrnes [NEXUS 9/03-04]. As an American Indian (I have never liked the term "Native American"; it smacks of jargon, not identity), I have long been suspicious of the claims made by vegetarians concerning health and spirituality, especially when many of the vegetarians making these claims have looked like they've just got out of Dachau.

As for spirituality, I doubt there are many vegetarians anywhere who could match the deep spirituality of my ancestors—a people who lived almost exclusively on meat.

As for vegetarianism being a cure for world violence, let me remind you of Adolf Hitler. Indeed, many of the Nazi higher-ups as well as much of the Japanese High Command during WWII were vegetarians. I am not saying that vegetarianism causes fascism—though, using vegetarian logic, I probably could—but that dietary habits do not necessarily make the man. A jerk is a jerk, no matter what he or she eats. Eating all the vegetables and grain in the world won't change him or her into a nicer, better person.

Though vegetarians have wrapped themselves in the blanket claim of superior health, I have never noticed this to be the case. Many of the ones I know seem to have significantly weaker immune systems; they catch every "bug" going around and, when sick, they tend to stay sick longer. They often feel cold, even in the summer heat. Many are anaemic or borderline anaemic most of the time. And lately, several of my vegetarian friends have been dropping dead in their mid-forties from cancer and heart attacks—and these among non-smoking vegetarians. Yet the survivors continue preaching their dietary creed at me like a batch of Baptist missionaries, urging me to repent my evil, meat-eating ways and embrace their brand of "truth".

And since we've been living on the starches, grains and sugars that white America likes so much, we've suffered an epidemic of diabetes, heart disease and cancer that we never knew when eating our natural

diet of meat, wild fruits and vegetables. As Dr Byrnes points out in his article, different peoples evolved in different ways. Everyone wasn't meant to be a vegetarian—including many who now are vegetarians.

The vegetarian way of life is *not ipso facto* superior or healthier, despite their shrill claims. And though I often hear vegetarians rant about how "spiritual" they are, they seem to forget that vegetables are living beings, too, with every right to life that every other creature has.

Just because plants don't have big brown eyes to gaze into doesn't make them less alive. Just because you can't hear them scream when you kill them doesn't mean that they don't. It is a simple fact of nature: we all kill to live, or have some part in the killing. To my people, plants are no less alive than animals or humans, and there are rituals of placation that must be observed when killing anything.

The key, here, is not to avoid killing. We can't. Our survival is rooted in killing other beings and taking their lives to feed our own. The key is to take only what you need and leave the rest alone—whether it is plant or animal.

You want spirituality? Try respecting and living in harmony with *all life*, plants as well as animals. Our lives depend on them. Perhaps, then, we can stop making a moral/political debate out of the simple question: "What's for dinner?"

James LaMotte, Michigan, USA,
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ET Intervention is No Solution

Hello, Duncan: Lloyd Pye does a splendid, indeed, magisterial job dismembering the Darwinian Delusion [NEXUS 9/04], but his proposed solution to the mystery of the domestication of animals and plants (aliens dunnit) is no real solution but merely launches the same problem out into space.

If aliens dunnit, how did they get so smart? Either via the Darwinian Delusion, which is of course no solution at all, or still smarter aliens genetically engineered them, and still, still smarter aliens engineered them in turn...*ad infinitum*, which is also no solution and an infinite

regress to boot. Pye unfortunately buys into the Darwinian hypothesis of "primitive" Neolithic societies and presumably still more primitive hunter-gatherers before that.

I like to think that our work on the Sphinx, and a considerable body of work by like-minded co-workers (to say nothing of the legends and mythologies around the world), solidly establishes a non-linear scenario for human civilisation.

Without reiterating the considerable body of evidence, there was a highly advanced human civilisation in place before the last Ice Age (and, quite possibly, even long before that), capable of feats of pure physical engineering that we still cannot reproduce with our clever machines (e.g., the Sphinx and Valley temples, etc.)

Like Pye, I long ago realised that the domestication of plants and animals represented a gigantic step forward in civilisation, and have (since the spectre of genetic engineering loomed on the horizon back in the early '70s) considered that this, and only this, could account for this amazing phenomenon. Except that it may not have utilised the kind of purely mechanical technology we employ today; it may have been accomplished by "mental" means. In other words, if we knew how they did it, it would look like magic to us, but would have been technology to them...

Pye dismisses rather summarily the Intelligent Design argument, but that seems to me to be far the better solution. To appreciate its power, however, calls for an analogical understanding of the nature of hierarchical organisation.

Even right here on Earth, in purely terrestrial organisations, the "lower" does not understand the "higher". The lavatory attendants at a nuclear facility do not understand what the boffins are doing with their particle accelerator; the dishwashers at a five-star restaurant do not understand either the actions or the decisions of the chef; and the hot dog vendors at Yankee Stadium have little inkling of what is going through the minds of the players on the field. Lavatory attendants, dishwashers and hot dog vendors perceive only the results of those actions.

Extending that analogy, that is, our position *vis à vis* Intelligent Design, we see and can study only the results. Can the living, sensitive cells in my body fathom the (I like to think!) Intelligent Design responsible for this letter? Can the molecules comprising the individual cells fathom whatever the cellular reaction to this act may be? I suspect they cannot, and, by the same token, we cannot fathom with any precision the "intent" of the Intelligent Designer (or Designers) responsible for the vast and complex "Unity" that is organic life on Earth. We see and can study only the results, one of which is...

This still does not provide a nuts-and-bolts solution to the mystery of the domestication of animals or the much greater mystery of organic life on Earth, with us in the middle of it. Perhaps this mystery cannot be solved? (Actually, I like to think it can be; it just hasn't happened yet.) But calling in alien intervention most assuredly does not solve it either.

John Anthony West,
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HIV Does Not Cause AIDS

Dear Duncan: I am writing to let you know about my research findings on AIDS.

My extensive research on AIDS worldwide has not led me to a single individual with AIDS that was caused by HIV, nor a single person with AIDS who was cured by treatment with antiviral agents (AZT and protease inhibitors).

On the contrary, the epidemiology and pathology of AIDS showed that agents and factors other than HIV are responsible for causing the worldwide AIDS epidemic.

My findings have been reviewed and supported by scientists and physicians. I have had five articles on AIDS published this year as letters to the editor of the *British Medical Journal* (nos. 1-5). In these articles, I described the main causes of AIDS worldwide and provided recommendations to end this horrible epidemic. Also, my website (<http://www.toxi-health.com>) contains more articles describing my findings on AIDS.

It appears that the United States

... more Letters to the Editor

NB: Please keep letters to approx. 150 to 250 words in length. Ed.

Centers for Disease Control and Prevention (US CDC) and Anthony Fauci, the Director of the AIDS program, have not used standard medical procedures to solve the AIDS epidemic.

The correct approach for investigating the cause(s) of any disease is by evaluating all possible factors and agents and excluding those that appear unrelated to the event investigated. It seems that the US CDC and Fauci have taken the exact opposite approach. They call well-established symptoms and lesions resulting from the use of drugs and medications severe starvation, and infections, HIV diseases.

Best regards,

Mohammed Ali Al-Bayati, PhD, DABT, DABVT, Toxicologist and Pathologist, Toxi-Health International, California, USA, maalbayati@toxi-health.com

Evidence for Sentient Plants

Dear Duncan: Since you evidently are interested in the subject of plant feelings and intelligence [Editorial, 9/03], I'll share some of my experiences with you.

In my self-development groups, we took two wooden boxes filled with soil. We planted seeds in equal amounts in each box. Both boxes were watered the same amount daily, but one box was put on the kitchen counter and the other on top of a tall refrigerator. Both boxes were receiving identical amounts of sunlight.

The one on the counter we talked to and projected love to daily. The one on top of the refrigerator we paid no attention to, other than to water it. Both boxes of seeds eventually sprouted.

After a while, when the sprouts were growing, the ones we talked to and loved were approximately two inches taller than the "lonely" ones on top of the refrigerator.

Another time, I was teaching meditation to my groups. Where I sat was a big-leafed plant behind me. We often did open-eye meditation. My students brought my attention to the big leaves of the plant...slowly moving during the meditation. I, of course, wanted to see it and turned around to watch. Indeed, the big leaves were sort of bowing slowly down and rising up

a little faster.

I have had many more experiences with intelligence and feelings of plants. Thank you for your attention.

Magda B., Topanga, CA, USA

Proceeding by Inquiry

Howdy, Duncan: In your most recent editorial you list plenty of things we are all, or should all be, sceptical about. However, I find that the very term "scepticism" has been overly wrought with negative and limiting beliefs due to those who co-opted the term, such as The Never-Very-Amazing Randi, Martin Gardner, etc., *ad nauseam*.

Perhaps we should all switch to the far more operable as well as underutilised "zeteticism", which means "proceeding by inquiry". Having myself switched to this term, I find that others are using it around me now and we are finding it far more valuable as a tool for dissecting the morass of information than the "S" word ever could.

Thanks for your time and for your awesome magazine (I ended up buying it out of town rather than waiting three days to get home to my subscription!).

In Lake'ch,

L. Wildwood, Phytomphalos Permaculture Farm, BC, Canada, thecottage@uniserve.com

A Creative Universal Structure

Dear Editor: Lloyd Pye says that the proponents of "Intelligent Design" cannot explain the anomalies between species which he describes [9/04]. He certainly provides some interesting information, much of which is new to us, but he is quite wrong in his dismissal of our alternative explanation.

This arose from a highly successful but suppressed attempt to solve a group of problems in cosmology. Theorists cannot switch off their "Big Bang", so it remains as an embarrassing problem called the "cosmological constant" which totally invalidates all the scenarios they present.

Then some stars seem older than the universe and gravity cannot be properly incorporated. We not only solved all these problems before 1990, but predicted that the expansion

of the universe must be ever accelerating—something not discovered until 1998.

The solution involved the introduction of "opposed energy dynamics", which shows that when an invisible background medium made of a mixture of minute particles exists, some made of positive and the remainder of negative energies, then creative properties appear from the mathematics. A structure very similar to the neural network of our brains appears.

Though unimaginably fine-grained, this extends to the very edges of the universe. It has the potential to evolve a conscious intelligence and appears able to have created matter by the deliberate organisation of the waves it spontaneously generates.

Evolution has certainly occurred, but now seems more likely to have been like that of our cars: by the repeated design of new models based on experience of older ones. On this basis, the anomalies described by Pye become explicable without invoking aliens from outer space. The references on our website are backed by peer-reviewed scientific publications; see our website at <http://www.survivalafterdeath.org>.

Ronald D. Pearson, BSc, Bath, England, UK

Early Crop Circles and UFOs

Dear Duncan: The crop circle has been an issue in NEXUS in recent years. But it was an item in the 1930s in England with the publication of a book by a laboratory. The hardback book had the publication date of 1932 or 1933.

The book had several photographs of crop circles that were noted as existing in England. Also, the book had photographs of several UFOs (flying saucers) that were noted as taken in England and other European nations.

I read the book in 1952 in a library when browsing through the engineering/technology section. I'd picked it for skim-reading as a random selection. Fifty years ago at age 22, the photos were impressive and I thought they showed some advanced inventions I had not seen before. At that time, I was employed in the Engineering

Standards branch of Wright Air Development Center (WPAFB), Dayton, Ohio, where I had become acquainted with old and new aircraft/missile designs—not UFOs like in the 1933 book from England. To this day, in 2002, I vividly recall the crop circle/UFO book.

Since 1952, I have continued in aerospace engineering in the design and development of missiles, space vehicles and spacecraft. On occasion, I interviewed persons who have seen UFOs within 300 feet; I lived in a neighbourhood that was active with UFOs during 1970–1974; and I saw a UFO zoom past me (at 2,500 feet) in a California desert area.

From a perspective of a senior aeronautical engineer, I have reviewed UFO literature for the past 50 years. The literature admits to crop circles and UFO events being realities, but it does not confirm who, what and why. A bureaucracy cover-up would be natural when an out-of-this-world event occurs.

An observation is that a bureaucracy ignores a scientific situation unless it can be controlled and manipulated within an organisational framework. If not, it does not exist publicly. The crop circle and UFO solutions and their exposure are better to remain with private persons and NEXUS.

Sincerely,

Ervin Sommer, BA, LLB, MBA, Escondido, CA, USA

Treatment for Bruxism

Dear Duncan: I've read the letter by Philip Schlegel of Germany about teethgrinding [9/04].

When I was very little, approx. four to five years old, I had the same problem, so my mother took me to the family doctor, who told mum that the problem was created by certain parasites: *Oxyuris* worms.

After the proper treatment and elimination of the parasites, the problem disappeared completely.

I hope it will work for others as well. Good luck!

Lucia M., Casula, NSW, Australia

GE/GM CROPS COULD END ORGANIC FARMING

Organic farming will be forced out of production in Britain and across Europe if genetically engineered/modified (GE/GM) crops are grown commercially, says a startling new EU report.

The report—which is so controversial that top EC officials tried to stop its release—shows that organic farms will become so contaminated by genes from the new crops that they can no longer be licensed or farmers will have to spend so much money trying to protect themselves that their farms will become uneconomic. Conventional non-GM farms will also be seriously affected.

Drawn up as a result of two years of studies in Britain, France, Italy and Germany, the report provides the most damning confirmation to date of the arguments, long advanced by environmentalists, that it is not possible for GM and organic farming to co-exist. The report, which looks at the effects of growing modified maize, potatoes and oilseed rape commercially on several types of farms, warns that genes from GM crops will travel long distances, creating superweeds.

And in Canada, there is confirmation of something canola farmers have been saying



for years: that genetically modified canola is popping up where it wasn't planted and where it isn't wanted.

An Agriculture Canada study suggests the problem is in the seeds. More than half of the seed samples tested showed some level of GM presence. The study's authors conclude that means almost every canola field planted with conventional seed will contain some genetically modified seed.

(Sources: *The Independent*, May 26, 2002; <http://www.independent.co.uk>; *CBC News Online*, June 28, 2002; <http://cbc.ca/stories/2002/06/27/gncanola020627>)



"This computer projection says that in 20 years' time, water-fuelled cars will be perfected. That computer projection says that in 20 years' time, the scarcest resource will be water."

MICE REJECT GM FOOD!

After hearing of a farmer's observations that mice appeared unwilling to eat GE/GM grain if given a choice, 17-year-old Dutch undergraduate Hinze Hogendoorn decided to investigate further. He obtained 30 female six-week-old mice from a herpetology centre (these rodents were bred to be fed to snakes) and some rodent feed mix with cereals and oatmeal specified to be "GM-free". He also bought some GM maize and soya.

The mice were let loose in big cages with two piles of food—one GM and one non-GM—stacked in four bowls. Overwhelmingly, the mice showed a preference for non-GM grains over GM food.

Interestingly, the mice did not like eating the soya meal, whether GM or non-GM.

Hinze then conducted a series of other tests to find out what would happen when the mice were force-fed with GM foods. The group fed GM ate more, but they gained less weight. By the end, they actually lost weight. In contrast, the group fed non-GM ate less and gained more weight, continuing to gain weight until the end of the experiment.

That was not the only difference observed. The mice fed GM food "seemed less active while in their cages". The differences in activity between the two cages grew as the experiment progressed: the mice in the non-GM cage were in the exercise wheel more often than those in the GM cage. The most striking difference was that the mice fed GM food were "more distressed" than the other mice.

"Many were running round and round the basket, scrabbling desperately in the sawdust, and even frantically jumping up the sides—something I'd never seen before. For me, this was the most disconcerting evidence that GM food is not quite normal," said Hinze.

Another "interesting result" is that one of the mice in the GM cage was found dead at the end of the experiment.

Hinze's report was presented to the Dutch Parliament on December 11, 2001, and can be found at the website <http://www.talk2000.nl>.

(Sources: *The Ecologist*, June 2002; *Dr Mae-Wan Ho's report at her website*, <http://www.i-sis.org.uk>)

ALERT ON NEW FORM OF CJD

Two young men from Michigan who died from Creutzfeldt-Jakob disease (CJD) last (northern) autumn were only diagnosed because a specialist insisted on tests that wouldn't normally be done. He is now saying that when anyone, no matter how young, dies with suspicious neurological symptoms, there should be a post-mortem to check for CJD.

The men, aged 26 and 28, were brought to the University of Michigan hospital in Ann Arbor last summer with rapidly worsening neurological symptoms. One had severe epilepsy, the other had symptoms of dementia.

Norman Foster, the attending neurologist and a CJD specialist, says that, although neither man's symptoms fitted all the official criteria for the disease, he still pushed for biopsies. They revealed that each had a different form of sporadic CJD.

The pattern of brain lesions and an analysis of the prion proteins that caused the disease showed it was not vCJD, the human form of BSE. Nor did it look like the chronic wasting disease of deer that occurs in neighbouring Wisconsin, which some fear might also be transmissible to humans.

Foster warns that anyone who dies with dementia should be autopsied, and brain biopsies should be taken from young people who might have CJD.

(Source: *New Scientist*, May 11, 2002)

BSE RISK FROM POLIO VACCINE

The UK drugs safety watchdog has been criticised for allowing polio vaccines made from banned cattle products to be given to hundreds of thousands of people.

Prof. Sir Liam Donaldson, the Chief Medical Officer, said the Medicines Control Agency (MCA) should have taken extra care and acted more proactively to stop the potential contamination with BSE-infected material in the late 1990s.

He accused drug companies of giving inaccurate information about vaccines, and called on the MCA to monitor the industry more carefully.

His report investigated a brand of oral polio vaccine recalled in October 2000 after fears that it could be contaminated with BSE.

The vaccine, one of two used in Britain, was made using British foetal calf serum dating from the mid-1980s.

(Source: *The Telegraph*, UK, June 7, 2002)

PHthalATES IN COSMETICS

In May 2002, a coalition of American environmental and public health organisations contracted with a major national laboratory to test 72 name-brand, off-the-shelf beauty products for the presence of phthalates—a large family of industrial chemicals linked to permanent birth defects in the male reproductive system.

The laboratory found phthalates in 52 of 72 products tested—including nine of 14 deodorants, all 17 fragrances tested, six of seven hair gels, four of seven mousses, 14 of 18 hair sprays, and two of nine hand and body lotions—in concentrations ranging from trace amounts to nearly three per cent of the product formulation.

Major loopholes in federal law allow the US\$20-billion-a-year cosmetics industry to put unlimited amounts of phthalates into many personal care products—with no required testing, no required monitoring of health effects, and no required labelling.

To the coalition's knowledge, the 72 product tests detailed in the study represent the most comprehensive information available on the occurrence of phthalates in individual beauty care products.

None of the 52 phthalate-containing products lists the offending chemical on its ingredients label.

Phthalates damage the developing testes of offspring and cause malformations of the penis and other parts of the reproductive tract.

The same phthalates found to cause permanent harm of the male reproductive system in laboratory studies are also found in hairsprays, deodorants and fragrances—including those from big-name companies like Revlon, Calvin Klein, Christian Dior and Procter & Gamble. The

laboratory found phthalates in Pantene Pro V "Healthy Hold" and Aqua Net hairsprays, Arrid and Degree deodorants, and fragrances like Poison by Christian Dior and Coty's Healing Garden Pure Joy Body Treatment, to name just a few.

(Source: *Not Too Pretty* website, <http://www.nottoopretty.org/report.htm>)

US SPACE AND STRATEGIC COMMANDS TO MERGE

As part of the ongoing initiative to transform the US military into a 21st-century fighting force, Secretary of Defense Donald H. Rumsfeld has announced the intention to merge two unified commands whose missions include control of America's nuclear forces, military space operations, computer network operations, strategic warning and global planning.

The intended merger of US Space Command (SpaceCom) and US Strategic Command (StratCom) is meant to improve combat effectiveness and speed up information collection and assessment needed for strategic decision-making.

"The missions of SpaceCom and StratCom have evolved to the point where merging the two into a single entity will eliminate redundancies in the command structure and streamline the decision-making process," said Rumsfeld.



"Oh, the Anglo guy in black? He left his mobile phone switched on during a film festival."

US Strategic Command, located at Offutt Air Force Base in Nebraska, is the command and control centre for US nuclear forces. US Space Command in Colorado Springs, Colorado, commands military space operations, information operations, computer network operations and space campaign planning. Both commands are charged with countering the proliferation of weapons of mass destruction.

"StratCom and SpaceCom have successfully provided the capabilities to meet the nation's defense needs for many years," said Rumsfeld. "The merged command will be responsible for both early warning of and defense against missile attack as well as long-range conventional attacks."

The intended merger is scheduled to take place in October 2002, and the preferred location for the command headquarters is Offutt Air Force Base.

(Source: *US Department of Defense News Release No. 331-02, June 26, 2002*)

UK PROPOSES ID CARDS TO COMBAT IDENTITY THEFT

A UK government consultation document reports that identity theft—where criminals use people's personal details to launder money, steal goods and open bogus bank accounts—is one of the fastest-growing crimes in Britain, rising by more than 50 per cent in the past year. In the first three months of this year, more than 10,000 cases were recorded, equal to half of all the cases recorded in 2001. Identity theft

is also the fastest-growing crime in the USA, with one in four families victimised.

The Home Office will now consider making identity theft a separate crime. At the moment, stealing someone's identity is not an offence; only gaining financially from it is.

The document proposes a universal entitlement card that would allow a "simple way to access public services". Benefit claimants would also use the card, which could contain health records, fingerprint information and bank details.

Home Secretary David Blunkett wants to make the card part of the "citizenship" debate, with legal residents in Britain receiving a positive sense of identity and rights to services by carrying it, and he has presented the scheme to the House of Commons. The proposal has been a never-realised pet project of both Labour and Conservative governments for more than 20 years.

Refusing to register for a card would probably be a punishable offence, but ministers indicated that they did not anticipate major efforts to enforce participation. They expected most people would want to "opt in" to the scheme because they would be denied services if they did not.

The creation of a card scheme could involve every UK resident aged 16 and over being issued with a new, unique, personal number.

(Sources: *The Observer, June 30, 2002; The Guardian, May 27 & July 3, 2002*)

NSA PHONE TAPS MAY CONFIRM DIANA WAS PREGNANT

Lawyers acting for Mohamed al-Fayed say that the international electronic eavesdropping network *Echelon* intercepted telephone conversations in which Diana, Princess of Wales, discussed her marriage plans and pregnancy.

The *Echelon* station at Menwith Hill in northern England was reportedly used to intercept Diana's private phone calls, details of which are believed to be amongst hundreds of documents held by the US-based NSA. Mohamed al-Fayed's lawyers have been trying to secure the documents through the US Freedom of Information legislation, so far without success.

Mr al-Fayed has consistently maintained that Diana and Dodi were murdered by forces loyal to the monarchy because the Princess planned to marry a Muslim.

According to the London *Sunday Express*, Mr al-Fayed believes that Diana was under US surveillance because of her stance against landmines, which threatened US military interests.

(Source: *Sydney Morning Herald, June 24, 2002*)

FBI SECRETLY CONTROLLED AMERICAN COMMUNIST PARTY

According to a recently released book, *The Secret History of the FBI* (St Martin's Press, NY) by veteran journalist Ronald Kessler, from 1954 onwards the FBI was essentially in charge of the activities of the Communist Party in the USA.

According to Kessler, in 1954 the FBI began running a top-secret operation code-named *Solo*, which entailed operating as an informant Morris Childs—the principal deputy to Gus Hall, head of the American Communist Party. In effect, Childs was the second-ranking official of the party and reported for 27 years on party activities and strategy, while making over 50 clandestine trips to the Soviet bloc, China and Cuba.

The FBI Director J. Edgar Hoover held the secret of *Solo* so tightly that officials in the CIA, NSA, Defense Department, State Department and National Security Council could only read reports of the operation while agents waited to return them to bureau headquarters.

Not until 1975 did the FBI inform the President and Secretary of State of the true source of the information.

(Source: Website <http://www.overthrow.com>, July 13, 2002)



BRITAIN BLAMED FOR IRELAND'S HIDDEN HOLOCAUST

The politicians refer to it as "Ireland's greatest natural disaster", but, from 1845 to 1850, Ireland did not starve for food because of potato blight: it starved because its food, from 40 to 70 shiploads per day, was removed at gunpoint by 12,000 British constables reinforced by the British militia, battleships, excise vessels, the Coast Guard and 200,000 soldiers.

Britain seized from Ireland's producers tens of millions of head of livestock and tens of millions of tons of flour, grains, meat, poultry and dairy products—enough to sustain 18 million persons.

When the European potato crop failed in 1844 and food prices rose, Britain ordered regiments to Ireland. When blight hit the 1845 English potato crop, its food removal regiments were already mobilised in Ireland. Grossly overpopulated relative to its food supply, Britain faced famine unless it could import vast amounts of alternative food supplies. But it didn't grab merely Ireland's surplus food or enough Irish food to save England; it took more—for profit and to exterminate the people of Ireland.

Assuming Britain's census figures for Ireland are correct, revisionist historians are now claiming that the British government murdered approximately 5.16 million Irish men, women and children between 1845 and 1850.

(Source: <http://www.irishholocaust.org>)

COLD WAR NUCLEAR TESTS STILL KILLING THOUSANDS

A US government study says that the fallout from Cold War nuclear tests carried out by the US, Britain, France and the Soviet Union has caused the deaths of an estimated 15,000 Americans—so far.

Excerpts of the report have been published on a website run by a watchdog group, the Institute for Energy and Environmental Research (see <http://www.eer.org>). The study reported that everyone living on the US mainland has been exposed to fallout.

"The message is, we are all downwinders," said Bob Schaeffer of the Alliance for Nuclear Accountability, a coalition of pressure groups. He said the report summary had not been made public because of unwillingness by governments to acknowledge the impact of past nuclear testing programs.

(Source: *The Guardian*, March 1, 2002)

THE IQ OF GEORGE W. BUSH: HOW STUPID IS TOO STUPID?

by Sean Monkhouse

During a 1992 photo-op at a New Jersey elementary school, Dan Quayle urged a student to add an "e" to the word "potato". Even though Quayle was reading from a misspelled flashcard and had been guilty of several more-serious blunders, it was enough to confirm the suspicions of many Americans that Quayle was indeed a bumbling idiot not fit to be in office.

Ten years later, and US President George W. Bush is busy making Dan Quayle look like a brain surgeon. During his short presidency, Bush has trounced Quayle's record of misspelling and misspeaking and he is positively off the charts when it comes to his lack of world knowledge and basic social skills.

Despite the daily reminders of this idiocy, the press and the people remain silent. When Bush fumbles the first line of an important speech, or forgets what he is talking about or to whom he is talking, half of us nod in approval while the other half quietly grimace in disgrace.

Granted, with all that's going on today, it might seem trivial or untimely to focus on the President's IQ. After all, we still have terrorists to kill. But if George W. Bush can leave America in the middle of a "war", for European photo-ops and a meaningless treaty, we can take a little time away from criticising his policies and get down to the man himself. What better time to demand a smart President than when America needs one the most?

Take Bush's recent trip to Europe, where he visited several world leaders, signed a nuclear treaty with Russia's President Putin and had an audience with the Pope.

While meeting and greeting our nation's most important allies and negotiating with President Putin—leader of the USA's former nemesis, the USSR, now Russia—President Bush's behaviour ranged from the frat-boy humour that left many people awkwardly staring at the ground—like his thanking President Putin for mowing the lawn—to repeatedly forgetting what country he was in. Other blunders were a bit more profound. A video clip widely played in Europe shows the President of the United States spitting out his chewing gum into his hand before signing the "historic" Treaty of Moscow.

Bush's show of stupidity in Europe, humiliating as it was, doesn't even come close to the depths of idiocy reported last week [early June] by the German paper *Der Spiegel*. According to the article, during a meeting with Fernando Cardoso, Bush asked the following question to the 71-year-old President of Brazil: "Do you have blacks too?" Let that sink in for a second... "Do you have blacks too?"

President Cardoso, a sociologist, author and speaker of four languages, had little time to display his shock and horror before National Security Adviser Condoleezza Rice tried to come to the rescue by explaining to Bush that Brazil did indeed "have blacks" and, in fact, was home to one of the largest black populations outside of Africa.

I can't think of a single reason that would absolve Bush of his blatant stupidity in this instance. If he were joking, which he wasn't, it would have been horribly tasteless and inappropriate at the very least. If he seriously didn't know that Brazil does "have blacks" but suddenly found himself interested in the subject, surely some synapse in that little brain of his would have fired, we would hope, and he would have said to himself: "Oh, this might not be the best time."

At the very least, he could have whispered the question to Rice and avoided the embarrassment and apprehensive grins that followed. Hell, he could have waited and looked it up online for himself. But no. Bush doesn't seem to care enough to go to that kind of trouble. Instead, he makes an ass out of himself and the country he leads.

Bush, with his non-existent education and his lack of desire to attain one, doesn't prep himself before meeting the leaders of the world or even express the faintest interest in other countries or their citizens. But right now, no one seems to mind. He can thank America's patriotic stupor for not calling him on such a moronic, telling and unexplainable question as "Do you have blacks too?" I'd like to see a new headline on *Newsweek's* cover: "The President Didn't Know!"

(Source: From an article by Sean Monkhouse, June 17, 2002, at the *Yellow Times* website, <http://www.YellowTimes.org>; also at the *Jeff Rense* website, <http://www.rense.com>)

"They underestimated me." — George W. Bush

THE WAR ON FREEDOM

This analysis of available evidence suggests the complicity of covert US government, military and intelligence groups in the events surrounding September 11, 2001.

by Nafeez Mosaddeq Ahmed
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Editor's Note: The following article is extracted and edited from the concluding section of Nafeez Mosaddeq Ahmed's book, *The War on Freedom: How and Why America was Attacked, September 11, 2001* (<http://www.thewaronfreedom.com>). It is reprinted with permission of the Institute for Policy Research & Development, UK.

In examining any crime, a central question must be: "who benefits?" The principal beneficiaries of the destruction of the World Trade Center are in the United States: the Bush administration, the Pentagon, the CIA and FBI, the weapons industry, the oil industry. It is reasonable to ask whether those who have profited to such an extent from this tragedy contributed to bringing it about.

— Investigative journalist Patrick Martin

CONCLUSIONS

As far as the facts on record are concerned, the best explanation of them, in the opinion of this author, is one that points directly to US state responsibility for the events of September 11, 2001. A detailed review of the facts points not only to Kabul but to Riyadh, Islamabad and, most principally, Washington. Furthermore, in the opinion of this author, the documentation presented in this study strongly suggests, though not necessarily conclusively, that significant elements of United States government, military and intelligence agencies had extensive advance warning of the September 11 attacks, and in various ways had complicity in those attacks. This is certainly not a desirable inference, but it is one that best explains the available data.

This examination has found that a specific war on Afghanistan, to be launched in October 2001, had been planned for at least a year and, in general terms related to regional strategic and economic interests, had actually been rooted in at least four years of strategic planning. This planning, in turn, is the culmination of a decade of regional strategising. All that was required was a trigger for these war plans, which was amply provided by the tragic events of September 11.

We have also discussed compelling evidence that not only did US government, military and intelligence agencies anticipate what was going to happen on September 11, but no public warnings were given and no appropriate measures were taken. It is a fact that the American intelligence community received multiple authoritative warnings, both general and specific, of a terrorist attack on the US using civilian airliners as bombs, targeting key buildings located in the nation's capital and New York City, and likely to occur around early to mid September.

It is also a recorded fact that emergency response systems suffered consistently inexplicable failures on that day, allowing the attacks on the World Trade Center and Pentagon to continue without an effective air response. A detailed investigation of the actual chronology of events on September 11 strongly suggests that this sort of massive systematic failure was possible only through wilful obstructions from key US government and military officials.

It is a documented fact that the Bush administration furthermore systematically blocked investigations of terrorists involved or strongly suspected of being involved—including Osama bin Laden, his family and suspect Saudi royals who support him—prior to September 11. Even after September 11, the Bush administration has continued to misdirect investigations and block pertinent inquiries, with the FBI concentrating futile efforts on Germany rather than Saudi Arabia—where, according to the late former FBI Deputy

Director John O'Neill, the real source of bin Laden's network lies. In particular, it is a documented fact that the Bush administration has sealed any inquiry into the complicity of the ISI [Pakistan's Inter-Services Intelligence] in the September 11 attacks.

Indeed, there is reason to believe that through the ISI, which has "close links" to the CIA and plays the role of a regional instrument of US interests, elements of US military intelligence may have had direct complicity in funding and supporting the terrorists who undertook the air attacks on September 11. This notion is supported by the fact that the ISI chief, who siphoned US\$100,000 to the alleged lead hijacker Mohamed Atta, resigned quietly under US pressure—thus avoiding a scandal produced by undue publicity, along with any accompanying demands for an investigation into the full extent of the ISI's role in September 11. It is a documented fact that the Bush administration, in applying pressure, has successfully protected the ISI from any further damaging revelations on its complicity in supporting those behind the air attacks, while also protecting the ex-chief of ISI himself.

By obstructing investigations of terrorists and by maintaining what effectively amounts to a covert financial, political and even military alliance with them, the Bush administration has effectively supported their activities. The objective of US policy has, furthermore, been focused principally on securing elite strategic and economic interests abroad, while deterring public understanding at home.

As shocking and horrifying as these conclusions are, they are based on an extensive analysis of events leading up to, during and after September 11, 2001. However, it is not the intent of this author to pretend that the conclusions outlined here are final. On the contrary, in the opinion of this author, these conclusions are merely the best available inferences from the available facts that have been so far unearthed. It is up to the reader to decide whether or not to agree with this assessment. Ultimately, this study is not concerned with providing a conclusive account but, rather, is intended to clarify the dire need for an in-depth investigation into the events of September 11 by documenting the facts.

The Facts as Documented

A summary of the facts on record, as documented in this study, is presented here:

- Both the United States and the [former] USSR are responsible for the rise of religious extremism, terrorism and civil war within Afghanistan since the 1980s. The US, however, is directly responsible for the cultivation of a distorted "jihadi" ideology that, along with US arms and training, fuelled the ongoing war and acts of terrorism within the country after the withdrawal of Soviet forces.

- The US approved of the rise of the Taliban and went on at least tacitly to support the movement, despite its egregious human rights abuses against Afghan civilians, in order to secure regional strategic and economic interests.

- The US government and military planned a war on Afghanistan prior to September 11 for at least a year, a plan rooted in broad strategic and economic considerations related to control of Eurasia, and thus the consolidation of unrivalled global US hegemony.

- The US government has consistently blocked investigations and inquiries of Saudi royals, Saudi businessmen and members of the bin Laden family implicated in supporting Osama bin Laden and terrorist operatives linked to him. This amounts, in effect, to protecting leading figures

residing in Saudi Arabia who possess ties with Osama bin Laden.

- The US government has consistently blocked attempts to indict and apprehend Osama bin Laden, thus effectively protecting him directly.

- The US government has allowed suspected terrorists linked to Osama bin Laden to train at US military facilities financed by Saudi Arabia as well as at US flight schools for years.

- High-level elements of the US government, military, intelligence and law enforcement agencies received numerous credible and urgent warnings of the September 11 attacks, which were of such a nature as to reinforce one another successively. Only a full-fledged inquiry would suffice to clarify in a definite manner why the American intelligence community failed to act on the warnings received. However, the nature of the multiple warnings received, along with the false claims by US intelligence agencies that they had no specific warnings of what was about to occur, suggests that the agencies indeed had extensive foreknowledge of the attacks but are now attempting to prevent public recognition of this.

- In spite of extensive forewarnings, the US Air Force emergency response systems collapsed systematically on September 11, in violation of the clear rules that are normally and routinely followed on a strict basis. This is an event that could only conceivably occur as a result of deliberate obstructions to the following of Standard Operating Procedures for emergency response.

- To succeed, such systematic obstructions could only be set in place by key US government and military officials.

The US government has allowed suspected terrorists linked to Osama bin Laden to train at US military facilities financed by Saudi Arabia as well as at US flight schools for years.



"Those cartels are really getting organised."

Both President Bush and Chairman of the Joint Chiefs of Staff Myers displayed sheer indifference to the September 11 attacks as they were occurring, which further suggests their particular responsibility. Once again, a full-fledged inquiry is required into this matter.

- Independent journalists revealed that Mahmoud Ahmed, as ISI Director-General, had channelled US government funding to Mohamed Atta, described as the "lead hijacker" by the FBI. The US government protected Ahmed, and itself, by asking him to resign quietly after the discovery, thus blocking a further inquiry and a potential scandal.

- The events of September 11 have in fact been of crucial benefit to the Bush administration, justifying the consolidation of elite power and profit both within the US and throughout the world. The tragic events that involved the murder of thousands of innocent civilians were exploited by the US government to crack down on domestic freedoms, while launching a ruthless bombing campaign on the largely helpless people of Afghanistan, directly resulting in the further killing of almost double the number of civilians who died on 9-11.

Possible US Complicity in 9-11

There are several possible scenarios regarding the role of the US government that explain these facts. All of these possibilities, however, strongly suggest a significant degree of US complicity in the events of September 11. This does not imply that the US was involved in orchestrating the events of September 11 from start to finish, or that the attacks on the World Trade Center and Pentagon were "staged" by the US, or that those responsible were on a direct US payroll in receipt of direct US orders.

What it does mean is that the US government, through its actions and inactions, effectively facilitated the attacks, protected those responsible, blocked attempts to prevent the attacks, and maintained close political, financial, military and intelligence ties

to key figures who supported those responsible. Whether or not every stage of these policies was a result of deliberation, the role that the US government has played both historically and currently in key events leading up to and after September 11 strongly suggests US responsibility for those events.

At the very least, this amounts to complicity through negligence or omission, for the simple reason that the US government has systematically behaved with wilful recklessness, with sheer indifference as to the probable consequences in terms of loss of American lives, in the pursuit of strategic and economic interests. Furthermore, the consistent and indeed systematic manner in which these policies have been implemented, even in the aftermath of September 11, also suggests deliberate complicity.¹

There is, of course, a context to this complicity, which establishes that the US relationship with Osama bin Laden is far more complex than conventional opinion would have us believe. The Saudi establishment appears to have been supporting bin Laden

largely as a form of bribery, payment of which secures the regime from being targeted by his network. In the words of the *New Yorker* (October 22, 2001), the regime is "so weakened and frightened that it has brokered its future by channelling hundreds of millions of dollars in what amounts to protection money to fundamentalist groups that wish to overthrow it". As a result, it has been specifically US interests, rather than those of the Saudi establishment, that have come under fire from such groups.

While the US seems to have been aware for many years of the Saudi establishment's involvement in funding Al-Qa'ida, successive administrations have deliberately allowed this to continue, motivated by concern for oil profits as secured through US hegemony over the Saudi regime, whose "stability"—meaning ongoing rule—must be preserved at any cost. It appears that this stability is worth preserving, even if the cost be the lives of American soldiers and civilians, abroad and at home.

Corporate elite interests, in other words, far outweigh alleged concerns for American lives. A documented precedent for this sort of policy is Al-Qa'ida's bombing of the US embassies in Kenya and Tanzania, which, as Richard Labevière reports, did not interrupt the Clinton administration's indirect support of bin Laden's network, since "they figured the US would gain more from it in the long run". The same brand of considerations seems to have motivated the continuation and promotion of US ties with those responsible for supporting Al-Qa'ida, even in the aftermath of September 11—namely, Pakistan and Saudi Arabia.

Simultaneously, it is also clear that US intelligence had anticipated Al-Qa'ida's terrorist plans for September 11 (at least to a general extent, but most probably to a highly specific degree), but continued to facilitate and support—from behind the scenes through its regional allies—the build-up to the implementation of those plans, while ensuring the lack of preventive measures at home both prior to and on September 11. The reason for this appears to be that those attacks were about to occur at a fortu-

nitous time for the Bush administration, which was facing both a domestic and an international crisis of legitimacy, accompanied by growing cracks in world order under US hegemony in the form of escalating worldwide dissent and protest.

By allowing these terrorist acts to occur, and by apparently pushing a few necessary buttons while closing a few important doors, thus ensuring their occurrence, the Bush administration effectively permitted and supported Al-Qa'ida through its key allies in its September 11 assault (whether the terrorist network knew it or not), thus establishing the trigger so desperately needed to re-assert its power politics worldwide.

Indeed, the measures taken by the Bush administration in the aftermath of September 11 appear to have been specifically tailored to ensure that the increasingly fatal cracks in world order, that had begun to appear both at home and abroad before September 11, did not appear again.

The domestic crackdown on basic civil rights, combined with

The events of September 11 have in fact been of crucial benefit to the Bush administration, justifying the consolidation of elite power and profit both within the US and throughout the world.

the demonisation of dissent, has come part and parcel with the granting of unlimited war powers, lending the Bush administration a free hand to embark on a new, unlimited war against any regime that challenges US interests.

The protection of a stable dictatorship within Saudi Arabia is also an integral part of this programme of hegemonic consolidation and expansion. The Bush administration apparently feels that as long as the Saudi establishment continues to pour protection money into Al-Qa'ida pockets, the required modicum of regional stability will be maintained, thus protecting unimpeded US access to Middle East oil reserves. Whether or not this policy is viable is another matter, although it seems to have "worked" so far, which probably explains why the Bush administration believes it can continue in this manner, at least for some time further.²

Osama bin Laden's Functional Role within US Foreign Policy

Meanwhile, the scattered continued existence of Al-Qa'ida plays a functional role within world order, at least for the next few years. The *London Guardian* noted this functional role played by Osama bin Laden within the matrix of US foreign policy objectives, in a September 18, 2001 report:

"If Osama bin Laden did not exist, it would be necessary to invent him. For the past four years, his name has been invoked whenever a US President has sought to increase the defence budget or wriggle out of arms control treaties. He has been used to justify even President Bush's missile defence programme, though neither he nor his associates [is] known to possess anything approaching ballistic missile technology. Now he has become the personification of evil required to launch a crusade for good: the face behind the faceless terror... [H]is usefulness to western governments lies in his power to terrify. When billions of pounds of military spending are at stake, rogue states and terrorist warlords become assets precisely because they are liabilities."³

The expansion of the misnamed "war on terror" is thus specifically tailored to target regions of strategic and economic interest to the United States...

To consolidate and expand US hegemony, and to counter fully its Russian, Chinese and European rivals, a massive threat is required to establish domestic consensus on the unrelentingly interventionist character of US foreign policy in the new and unlimited "war on terror".

The bogeyman of Osama bin Laden's international terrorist network thus plays, in the view of the Bush administration, a functional role within the matrix of US plans to increasingly subject the world order to its military, political, strategic and economic influence. This explains the Bush administration's systematic failure to investigate known supporters of Al-Qa'ida in Saudi Arabia and Pakistan—and even Al-Qa'ida cells operating within the borders of the United States itself. Whether or not Al-Qa'ida members, including bin Laden himself, are aware of this is another matter.

Until Al-Qa'ida loses this functional role within a US-dominated world order, this state of affairs is likely to continue. At the least, the US government has clearly adopted this array of policies on the basis of a cold but meticulous "cost-benefit" analysis, weighing up the potential gains and losses of the following possible policies:

- Taking meaningful action against Al-Qa'ida, while damaging US regional interests tied to allies who support bin

Laden;

- Allowing allies to continue their support of Al-Qa'ida and refraining from action against it, in order to protect perceived US interests.

The second policy appears to be the one currently adopted by the Bush administration, for the reasons discussed above. It is a policy that amounts, at the very least, to indirect complicity in the September 11 attacks, through ongoing US protection of leading allies supporting those who carried out the attacks. On this basis, it is evident that in the near future, on the pretext of targeting scattered terrorist cells connected to Al-Qa'ida, various countries around the world that are of strategic value to the United States will fall victim to Bush's "new war" for US hegemony.

US Strategic and Economic Interests

The escalating and contrived "clash of civilisations" that may result from this cynical US policy, with the corresponding chaos and destruction, bears ominous implications for the future of humanity.

Indeed, the new pretexts are already being conjured up. President Bush, Jr, virtually declared war on any country deemed by the US to be a threat, in his State of the Union address on Tuesday, January 29, 2002. Bush warned of "thousands of dangerous killers, schooled in the methods of murder, often supported by outlaw regimes", and openly threatened an attack on Iran, Iraq and North Korea in particular. Both the US government and media have made concerted efforts to allege some sort of connection between Al-Qa'ida and the



countries of Iran and Iraq. "By seeking weapons of mass destruction, these regimes pose a grave and growing danger. States like these and their terrorist allies constitute an Axis of Evil, arming to threaten the peace of the world," Bush added: "The United States of America will not permit the world's most dangerous regimes to threaten us with the world's most destructive weapons."

The horrid irony of these statements is clear in light of the documentation presented here concerning the Bush administration's role in the events of September 11, its conscious use of massive terror against the Afghan population, and the accompanying policies of imperialism at home and abroad.

The Middle East and Central Asia together hold over two-thirds of the world's reserves of oil and natural gas. After Saudi Arabia, Iran and Iraq are respectively the second and third largest oil-producers in the region. Both Iran and Iraq, in accordance with their local interests, are fundamentally opposed to the US drive to secure unimpeded access to regional resources. Iran, for instance, has been attempting to secure its own interests in Afghanistan and Central Asia, thus coming into direct conflict with regional US interests. Iraq has been tolerated for a decade now, only because the US has been unable to replace Saddam Hussein's regime with a viable alternative.⁴ In light of the results of the apparently successful "test case" provided by the war on Afghanistan, the US seems intent on attempting a replay in Iraq by eliminating Saddam and enlisting the opposition to establish a compliant new regime. Similar plans may be in the pipeline for Iran.

As for North Korea, this country borders China and is thus strategically located in terms of longstanding US policy planning. China has long been viewed by US policy planners as its principal rival in North and East Asia. The military network being installed by the United States in the wake of September 11 systematically encircles China—taking in Uzbekistan, Tajikistan, Kyrgyzstan, Pakistan, India, the Philippines and now Korea.

The *Guardian* has also commented on these developments and their military-strategic context:

"Every twist in the war on terrorism seems to leave a new Pentagon outpost in the Asia-Pacific region, from the former USSR to the Philippines. One of the lasting consequences of the war could be what amounts to a military encirclement of China."

In explanation, the London daily cited the Pentagon's *Quadrennial Defense Review*, warning of the danger that "a military competitor with a formidable resource base will emerge in the region". The journal recommended a US policy that "places a premium on securing additional access and infrastructure agreements".⁵

The expansion of the misnamed "war on terror" is thus specifically tailored to target regions of strategic and economic interest to the United States, and thus to consolidate unrivalled US hegemony in these regions.

Blatant Anomalies

It is worth emphasizing here that even the lowest possible level of involvement on the part of the Bush administration fails to absolve this administration of scandalous responsibility for the events of September 11.

At the very least, the facts on record demonstrate with certainty that the US

government is fully aware that its regional allies Saudi Arabia, Pakistan and some others have funded and supported Al-Qa'ida for years. Yet despite this, the US government has permitted this support to continue, actively obstructing intelligence investigations into the matter and funnelling US aid to the same allies. This policy has continued with the objective of maintaining these lucrative alliances, through which regional US economic and strategic interests are secured.

At the same time, the US government has long been aware of the threat posed by Al-Qa'ida to US national security, and in particular was certainly aware that some sort of devastating attack by Al-Qa'ida on US soil was imminent in the latter half of 2001.

It is a fact that no top WTC executives were killed in the attacks.

Endnotes

1. A typical objection to these conclusions, which attempts to imply that from the outset there is no point in even considering evidence of US complicity in 9-11, posits that the government's allowing—or deliberately provoking—the destruction of the World Trade Center, the Pentagon and potentially the White House is *a priori* an impossible scenario due to the potentially uncontrollable ramifications for the world economy and the US as such. This, however, is a disingenuous position based on unwarranted assumptions that the side effect of 9-11 might be uncontrollable. Assuming that the conclusions of this study are correct, it is perfectly conceivable that the government, while anticipating an attack on the WTC, did not at all anticipate that the towers would actually collapse as a consequence. For instance, the architects and engineers who designed the Twin Towers have stated

that the buildings had been designed to withstand nightmare scenarios such as being hit by a plane (although hindsight proves they had not accounted for certain developments related to such scenarios). Prior to the WTC attacks, the architects' assurances would probably have been taken for granted.

It is a fact that no top WTC executives were killed in the attacks. It is a fact that the thousands of victims who were killed in the attacks constitute a fraction of the total number of employees who worked at the WTC.

It is a fact that none of the Pentagon employees who died was a member of the top military establishment. It is a fact that the main hub of the Pentagon can survive even a nuclear attack; the maximum damage caused, and that could have been caused, by the impacting plane was the destruction of a few walls and segments of the building's outer structure, along with the loss of lower-

level Pentagon staff who can be, and have been, easily replaced.

It is a fact that even the total destruction of the White House as a building (unlikely as a consequence of a plane crash, due to its broad and more sturdy structure) would not in reality damage the control and economic wealth of the Bush administration, the oil industry, the defence industry and so on. It is a fact that all key high-level US political officials had their own safety ensured throughout the proceedings of the attacks. It is a fact that the bombing of civilian buildings does not in itself damage the economy.

It is a fact that the increasingly recessive world economy, while badly damaged and freefalling, was already in recession long before September 11 and was set to recede much further regardless of the latter. It is a fact that the economic freefall has come to an end, largely thanks to the indirect impact

Continued on page 16

Despite this, the US government refused to reverse its policy of maintaining regional alliances with the principal supporters of Al-Qa'ida, including the funnelling of financial and military aid—and continues to do the same, even after September 11.

At the very least, then, the facts on record demonstrate with certainty an ongoing US policy of wilful and reckless indifference to American lives, motivated fundamentally by strategic and economic interests. This policy has been relentlessly pursued, regardless of the dangers to American lives, of which the US policy-making establishment is fully aware. This policy therefore amounts, even at the lowest possible level of involvement, to deliberate if indirect complicity on the part of the Bush administration in the September 11 attacks.

Although it is the opinion of this author that the documentation gathered strongly indicates the conscious complicity of the Bush administration in the September 11 attacks, it should once again be emphasised that this study does not aim to provide a conclusive or exhaustive analysis. It is primarily intended to collate the innumerable facts surrounding the events of September 11, of which the public is largely unaware, and clarify them with extensive documentation.

These facts have simply not been addressed in an adequate fashion in the media, and the conventional version of events officially espoused by the Bush administration, and slavishly repeated

by the media and academia, fails to account for or explain them. Most commentators, including supposed critics of US policy, are content to dismiss arbitrarily any discussion of the role of the US government in September 11 as irrelevant. But as this study demonstrates, the facts on record are far too important in their implications to be dismissed by anyone who is serious about understanding the events of September 11.

In the final analysis, then, this study points to a host of unanswered questions and blatant anomalies that US government, military and intelligence agencies must be forced to answer through a public inquiry. Such an inquiry is clearly a matter of the greatest urgency, and must be demanded as such by all sectors of society.

The United States government's actions should be transparent, justifiable and reasonable. And in the event of a failure to meet these criteria, the US government should be accountable to the American people. This is a public right and an elementary aspect of democracy. Whether key US figures and institutions have been guilty of complicity or sheer incompetence, the public has a right to know—this is the least that could be done in memory of those who died on September 11.

Thus, a full-scale, independent public inquiry must be launched as soon as possible. Unless this occurs, the truth of what happened on September 11—and thereafter—will remain indefinitely suppressed.

Continued from page 15

of September 11, such as the corporate bailout, among other policies, it permitted. It is a fact that the attacks provided an opportunity for the corporate elite to escape the worst effects of this recession, and that, as a consequence, the recession has not had any adverse impact on Bush & Co.

Finally, it is also therefore a fact that if high-level US policy planners had considered allowing or provoking the occurrence of 9-11, they would have certainly taken all this into account and projected that no fundamental damage to the interests of Bush & Co. would occur as long as certain safeguards were taken on their behalf.

2. Other ways of securing US interests in the region in the event that the policy loses its viability, however, are no doubt being explored by US policy planners. (See, for instance: Peters, Ralph, "The Saudi Threat", *Wall Street Journal*, January 4, 2002.)

Indeed, both the US and Saudi governments are certainly cognisant of the dangers inherent in the current arrangement. This appears to be why they have both agreed to visibly discuss the reduction of the US military presence in Saudi Arabia, with the aim of reducing pressure on the Saudi regime from groups, particularly those sympathetic to bin Laden, calling for an end to US occupation there.

White House Chief of Staff Andrew Card, affirming that the Saudis are "wonderful allies in this war against terrorists", admitted that: "Ever since the Gulf War ended, we've been working to try to minimize the amount of time and the size of the footprint that US forces have in Saudi Arabia... They've been

asking a long time, and we've been working with them for a long time—not just during this administration but during previous administrations—to reduce the footprint. I think it's been a long-term interest of both countries... It will happen over time... There is a valuable reason for us to be in that region, but we are looking to reduce the footprint within Saudi Arabia, consistent with America's interests and consistent with the interests of Saudi Arabia." (See CNN, "Saudis ask US to reduce forces, White House admits", January 27, 2002.)

The reduction of the US military presence is designed quite specifically to meet the mutual interests of both the US and the Saudi regime—in terms of the latter's internal stability and continuing rule, and in terms of thereby maintaining the former's regional oil interests. This all ties in with the fact noted by former Saudi Oil Minister, Ahmad Zaki al-Yamani, that the "US has a strategic objective, which is to control the oil of the Caspian sea and to end dependence on the oil of the Gulf". (See ArabicNews.com, "Yamani: importance of Gulf oil collapses in the interests of the Caspian Sea", February 1, 2002, <http://www.arabicnews.com/ansub/Daily/Day/020201/2002020118.html>.)

3. Monbiot, George, "The need for dissent", *The Guardian*, September 18, 2001.

4. See Ahmed, Nafeez M., "The 1991 Gulf Massacre: The Historical and Strategic Context of Western Terrorism in the Gulf", Media Monitors Network, Los Angeles, CA, USA, October 2, 2001, <http://www.media-monitors.net/mosaddeq14.html>.

5. *The Guardian*, January 29, 2002.

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SMOKE AND MIRRORS

THE ILLUSION OF HIV & AIDS STATISTICS

Statistics on the spread of so-called HIV and AIDS worldwide should be analysed with their limitations as well as their sources in mind.

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Statistics is supposedly the rock-solid foundation of modern science, a science exclusively concerned with quantities, measurements and numbers, and used as indisputable proof. Unfortunately, it is easy to produce erroneous or biased results unintentionally by just overlooking certain complicated and specific rules for sampling or weighting the data. But the most fascinating thing about statistics is that a clever statistician can work magic with the numbers and quite intentionally create the illusion of proving or disproving almost anything.

AIDS statistics is a showcase of illusionists at work. It is clearly manufactured to order, using several illusionist tricks to inflate the numbers to where they will inspire sufficient terror or panic in the population at large to enable those in power to introduce exceptional measures of control over the population by means of force, such as mandatory "medical" interventions and constraints in the freedom of movement and behaviour. It's somewhat like a curfew to control a situation of political upheaval or war.

For the moment, let's ignore the possible reasons for such a power play and just look into the way AIDS statistics are *de facto* manipulated intentionally in order to convey a grossly distorted impression of the underlying reality, with unfounded alarmist projections for the future.

What are the illusionist tricks I am talking about? First of all, a cumulative technique of reporting is used, which is not used for other illnesses and which has no rationale or utility other than to give the impression that the numbers are much greater than they really are, and are growing. So, instead of reports of how many new AIDS cases have been registered in a particular year, you are likely to be fed the total accumulated number since the beginning of reporting. This gives more impact and, with luck, perhaps it makes you think of it as an annual figure.

A second technique liberally used in AIDS reporting is now and then to change the basis for the numbers included, especially when the figures do not conform to expectations. This has been done in various ways, the most important probably being the widening of the definitions of what is diagnosed as AIDS. For instance, new so-called AIDS-defining illnesses have been added, so that now at least 29 different illnesses—all existing on their own before AIDS entered onto the stage—are considered as AIDS when they are accompanied by a positive so-called HIV test (actually, only a non-specific antibody test that may react to more than 60 different conditions that have nothing to do with either AIDS or HIV).

It is easy to understand that the more illnesses are included, the greater the number of people affected by any of them. That is one of the ways by which AIDS can be shown to increase in numbers, when the dry, clean facts are showing the opposite. The fact is that the number of new AIDS cases in the USA peaked in 1992 and has steadily decreased since then. Not the impression you get from media, US authorities or UN agencies, is it?

It is also important to be aware of the fact that, in Africa, no HIV test is required for an AIDS diagnosis. Any illness that lasts more than a month and has certain symptoms will automatically be diagnosed as AIDS. All those illnesses have existed always; they were common long before there was any such thing as AIDS. That is one of many reasons for the inflated number of AIDS cases in Africa.

But even with this liberal definition, the real numbers fall far short of the numbers you see in the newspapers. The reason for this is that the figures you keep seeing are not based on facts but on generously creative "estimates", liberally spiced up with imaginative but unfounded "projections" for the future. Obviously, it is preferable to use "estimates"

whenever possible, since these can be inflated at will, rather than the less glamorous numbers of existing records. Besides, when one wants to publish the number of "HIV infected", an estimate is the only option since there is no way of knowing that figure. Only a very small percentage is ever submitted to the antibody test, falsely claimed to be an "HIV test", so it's a free-for-all to estimate the numbers. If only the number of correctly diagnosed "full-blown AIDS" cases were reported, the figures would certainly not cause much of a stir, let alone panic.

In a recent report from the USA, it was claimed that at least a third of all HIV-positive people do not even know that they are "infected"! If they do not know it themselves and have never taken a test, then how could the reporter, or whatever source he used, know that these people are HIV positive? AIDS statistics is full of these kinds of absurd and nonsensical assertions, but nobody seems to notice, let alone react.

AIDS Statistics in Africa

One of the few factual sources of African AIDS statistics is antibody (so-called HIV) tests in pregnant women at a few public maternity centres. The test results reportedly show that a very high percentage is "HIV positive". Why? Because there are more than 60 different medical conditions that may give a false-positive test result, and among these is pregnancy itself! Others are vaccinations and recent infections such as hepatitis, malaria, tuberculosis and influenza.

Considering that the test is performed on pregnant women, when pregnancy is one of the acknowledged causes for a false-positive outcome, and considering that the mostly poor and often malnourished women who come to these centres are likely to have been exposed to several of the other conditions as well, it is predictable that a high percentage of them should test positive. However, this does not mean that they are actually HIV positive, and it certainly does not mean that they will ever develop AIDS.

Yet these evidently inaccurate and essentially meaningless test results are computed and applied to the entire African population, men as well as women, old and young, rich and poor—as if they would apply equally to all, and as if they were proof of the incidence of AIDS. Neither of these is the case, and anyone with rudimentary knowledge of the tests and of statistics must be aware of it. Yet this is how statistics on AIDS in Africa are manufactured and publicised.

Incidentally, apart from the more than 60 common causes for a false-positive test result, it has been proven that test results for one and the same person may vary from one occasion to another, even at the same laboratory, and even more so from one laboratory to another and from one country to another. The reason is that there is no "gold standard" for the test, meaning that it is arbitrary as to exactly where on the scale a positive result is registered. And this kind of test is used to tell people that they will die of AIDS, and that they have to take obscenely expensive drugs that will make them desperately ill and even kill them but can never cure them.

This is the background for South African President Mbeki's reluctance to offer these not only ineffective but fatally harmful drugs at the government's expense to pregnant women and new-

born children, and indeed to anyone. And very good reason he has for it, too.

One study reportedly showed that a group of young men who tested HIV positive had a higher death rate than a group that did not test positive for HIV—and anybody reading it would automatically assume that all those HIV-positive men died of AIDS. However, the study did not show what actually caused the deaths in the HIV-positive group. When this was investigated, it turned out that there may have been a correlation in this case between an HIV-positive test and a slightly higher death rate, but the same correlation did not show up for AIDS disease. Most of those deaths were not caused by AIDS. This is a typical case of statistical smoke and mirrors!

Furthermore, in Africa, the reporting of AIDS cases is based on widely differing criteria in different areas or by different agencies. The fact that for AIDS cases there seems to be financial support, while for old illnesses there is not, also prompts those involved to report any illness as AIDS when it is simply a case of tuberculosis, malaria or another classic, endemic African illness.

Interestingly, tuberculosis and malaria, both very common in

Africa, have been included along with many other diseases in the so-called AIDS-defining illnesses, but any one of them can give a false-positive result in the so-called HIV test. Smart, isn't it? See the smoke and mirrors?

According to official estimates by UNAIDS at the end of 2000, some 36.1 million people worldwide were "infected" and "living with HIV/AIDS". Of those, 25.3 million were said to live in sub-Saharan Africa. My question on this figure is: how does anyone know?

In the Third World, AIDS can be diagnosed without the so-called HIV test, but "HIV infection" cannot be—and it is a

fact that very few people are being tested, and those who have actually tested positive only make up an infinitesimal portion of the 36.1 million that UNAIDS claims are "living with HIV". So how does UNAIDS make up the rest?

Typically, no distinction is made between just being HIV positive while healthy, and actually being ill with "full-blown" AIDS—as if it were the same thing! This is another of the many smokescreens. The same source estimated(!) the number of new infections in 2000 to be 5.3 million globally. The estimated(!) number of total deaths from AIDS (observe the cumulative reporting) is said to be 21.8 million.

Since we know that extremely few HIV tests are being performed in Africa due to the high cost, we cannot help but ask what the basis is for these estimates. And even more so, since we know that the number of officially registered deaths from AIDS adds up to only a small fraction of the estimates propagated by UNAIDS since the beginning of the "epidemic" nearly 20 years ago. And this is in spite of all the described reasons for inflating AIDS statistics in Africa.

One argument offered by the statistical inflationists to explain this discrepancy is that most AIDS deaths are reported as something else, either because people do not want to admit that their relatives died of such a shameful disease or even that they did not know it was AIDS! But those who do the estimates apparently know—without any HIV testing. One wonders how. Purely on hunch?

Something does not add up here.

**...there are more than
60 different medical
conditions that may give a
false-positive test result,
and among these is
pregnancy itself!**

Anatomy of a "Pandemic"

So what else can we do to conjure up the impression that AIDS is a fast-spreading pandemic threatening to wipe out the entire world's population unless we anticipate and frustrate it by forcing people to choke on high-priced, lethal chemotherapy deceptively called "antivirals"?

One thing is to pick out the age group that has the lowest death rate of all—say, young people between the ages of 20 and 30—and find that AIDS (or more likely the "antivirals" prescribed for it!) is "the leading cause of death" for this group. Be sure not to disclose the actual percentage, as it is so small it would remove the effect. But since few people in this age group die from natural causes, AIDS can be construed to be "the leading cause" of death in this group—or at least "a leading cause", along with suicide and accident.

Publishing this with enough fanfare, the public will easily draw the false conclusion that AIDS is a leading cause of death, period...or that at least a very high percentage of the age group in question is dying of AIDS...when the true death rate from AIDS, even in this age group, may be as low as a fraction of one per cent. Now you see it, now you don't! This is one way the illusionists perform their statistical magic without actually lying.

Finally, we can play the effective "orphan" card, again estimating(!) all the millions of children orphaned by AIDS. This is without mentioning that the definition of "orphan" is any child who has lost one(!) or both parents in any way at all. Also, there is no reliable documentation to say how many of those missing parents actually died of AIDS or even died at all. By far the most common reason for missing parents in Africa is the wars that have been raging on the continent for decades.

A recent example from India gives an illustration of what is going on. Official statistics presented to the United Nations said India had 560,000 AIDS orphans—with only 17,000 AIDS deaths! During a press conference, a journalist asked Dr David Miller, the UNAIDS country representative, where they got these figures of AIDS orphans from. He had no answer. The Indian Health Minister referred the matter to the person who handles data collection on HIV/AIDS figures for the government. He said there were no estimates on the number of AIDS orphans in India. When Dr Miller was asked what his source for the estimate was, he said: "I cannot disclose the source. I will have to speak to my colleagues in Geneva about it."

Another thing that has never stopped fascinating me is how supposedly professional and responsible public agencies like the World Health Organization can know that, for example, the incidence of HIV (often interpreted as equal to AIDS) in African teenage girls has increased by 26 per cent (or whatever percentage reported) from one year to the next. What is their source for this kind of figure? Is it from one school where they tested a few girls last year and tested another few this year—perhaps just after they were vaccinated or had their annual bout of flu? Or was it limited to pregnant teenagers? How many girls were tested? How was it done? When? Where? Can we see the studies, please?!

Most people don't realise that often, when a percentage is given for a country or group of people, only a small number of people has actually been investigated. The percentage found in that

small sample is then accepted as applying to the whole country or the whole group, however great the risk is that those investigated are not representative of the whole country or group. A knowledgeable statistician who wants to cheat can usually do the sampling in such a way as to favour a certain outcome, without manipulating the numbers as such.

To round off this exposure of the statistical illusionists, I shall give a dramatic example of what can hide behind statistically expressed reliability of the test for HIV.

A test for HIV is reported to be 98% accurate. Let's, for the sake of the argument, assume that this is a correct assessment. In our culture, since we are hypnotised by numbers and quantities, percentages and majorities, this will sound very reassuring to most people. But what can that statistical truth mean for individual people in real life? Let's have a look.

In a sample of the average American population, the estimate for HIV prevalence is in the order of 0.04%, or four per 10,000 people. Assuming we test 100,000 Americans, we would then

expect to find 40 true HIV-positive persons. This means that the remaining 99,960 persons are HIV-negative. However, since the test is only 98% accurate, it may falsely identify two per cent of these 99,960 people as HIV-positive. That is, 1,999 persons!

So, in this example, out of 2,039 people who test positive, only 40 are actually positive. That means 98% of those identified by the test as "HIV-positive" are not positive at all. In other words, the test, which is said to be 98% accurate and thus approved for commercial use, is in fact 98%

inaccurate, looked at from the point of view of those who tested positive.

Imagine the fate of those 1,999 healthy people, told they will soon get AIDS and then bullied, intimidated or seduced by the medical establishment into taking AZT and similar life-threatening drugs to "delay the onset of AIDS". Quite apart from the enormous cost of this treatment (and profit to the pharmaceutical business), how many of them do you think will survive the ordeal? Not many, I can assure you.

Such is the diabolic scenario the US authorities have set in motion. The whole population is scared into taking the test, and all who test positive are hard-sold AZT or an equally toxic drug treatment, leading to certain death. (If you still believe the media propaganda that AZT is a "life-saving drug", go dig up some easily verifiable facts on the Rethinking AIDS website, and do a search on "Anthony Brink" for the background on a pending court case.)

We just assumed that the test really is 98% accurate. It seems nobody has thought of asking how this figure can be established, since there are no reliable controls. As with the rest of the ruling AIDS dogma and most of "HIV science", it is simply an article of faith.

Actually, on the basis of what we have uncovered in this article, we know that the margin of error can be far, far greater. But we also know that testing positive in a non-specific antibody test for hypothetical HIV is meaningless, since by itself it has no predictive value for the development of AIDS.

So is all of it just smoke and mirrors to lure trusting people "at risk" into a morass of profitable tests and treatments which, it is openly confessed, lead nowhere but to obliteration and death?

**Official statistics presented to
the United Nations said India
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...with only 17,000 AIDS
deaths!**

A Hidden Agenda

An even more sinister interpretation is that the panic and terror intentionally generated by the high-hype publicity campaign is designed to pave the way for a global state of emergency, justifying far-reaching restrictions in civil rights and freedoms and even military interventions.

Sinister, indeed, was the note sounded by the Clinton Presidency in 2000 when AIDS was being declared a matter of national security. Not AIDS in the US, mind you, but AIDS in the world, and especially in Africa. Can we trace a hidden political agenda behind this, perhaps even a power plot for global control? If so, where do we find the mastermind behind it? At the White House, regardless of which party or which President is in power? At the CIA? At the Pentagon? In the multinational pharmaceutical and petrochemical industry? Perhaps all four together in a secret alliance? And in such case, would the aim just be to generate astronomical profits and financial power for the stage directors of this tragedy, or to take effective control of the entire world?

It may not have been the coldly planned beginning of a consistent political scenario, but perhaps we should, after all, recall how it all started. It was the Reagan administration in an election year that declared—without any peer review, public scientific debate or consensus, and without any scientific proof—a new retrovirus "the probable cause of AIDS" and promised a vaccine for it within a two-year period. That was in 1984—the year that provided the title of Orwell's famous visionary book about a future Big Brother government, published 50 years earlier.

From that declaration in April 1984, the US federal government took full dictatorial control of the AIDS "epidemic", with its health authorities deciding what research to fund, what treatment (i.e., drugs) to approve, what to publish in professional journals, and what to tell the public via the media. The rest of the institutional world, with just a few exceptions, has ever since been sheepishly dancing, as in a trance, a dance of death to Uncle Sam's AIDS pipe.

Since the AIDS threat alone has apparently not produced the desired long-term effect in the United States, it has had to be supplemented by the terrorist threat and the anthrax scare. And now the desired effect is being achieved. Promptly, the fear-struck population has been compliantly deprived of elementary civil rights, and unchecked dictatorial powers are being conferred on governors and various political agencies, all in the name of security and in order to "protect the people". As it happens, these measures had been prepared well before the World Trade Center and the Pentagon were attacked on September 11, 2001...as had the military intervention in Afghanistan.

Against this background, you may find it easier to believe that the presence of the new retrovirus, misnamed "HIV", in people who "test positive" has only been inferred from certain non-specific "markers". Some superbly credentialled researchers say that these constitute no proof of HIV infection, and claim that the vilified HIV may not even exist at all! To date, HIV has never been isolated from a patient. Believe it or not, these are the facts, and anyone who wants to take the trouble can verify them.

Seeing how the world has been hard-sold the false "HIV causes AIDS" dogma, and especially the fatal drug regime that goes with it, I cannot help thinking of Nazi Germany's crushingly efficient propaganda machine with its use of mass psychosis, brilliantly masterminded by a certain Mr Goebbels. History does repeat itself, only in new circumstances and with new labels.

Have you noticed, by the way, that the people officially declared "at risk" were first white, "socially undesirable" people, namely male homosexuals, intravenous drug addicts, prostitutes and haemophiliacs, then poor black people in the United States, and now primarily "sub-Saharan" black Africans?

And have you noticed that the first—and, for a long time, the only—drug authorised in the USA for AIDS patients was the 20-year-old cancer drug AZT, considered far too toxic and life-threatening for human consumption and therefore, up till then, never approved by the FDA? But for the AIDS risk groups, it was approved in a fast-track procedure that has since been proven to be an outright fraud.

To a fast-growing number of keen professional observers, it is increasingly obvious that AIDS is not caused by any virus, that it is not sexually transmitted, and that it is not even contagious at all. Instead, AIDS is a multifactored syndrome, with its most important cause being poisonous chemicals and drugs—among them insecticides, pesticides, benzene-linked anal lubricants used by some homosexuals, recreational drugs, multiple parasitic, viral and bacterial infections, malnutrition and, not least, prescription drugs of many kinds and, most particularly so, the extremely toxic chemotherapy routinely prescribed for AIDS and "HIV infection".

There is no lack of effective non-toxic treatments for AIDS, and it is perfectly possible to cure it. We just have to acknowledge the true causes and stop poisoning people to death.

How do we address this situation? By raising our awareness level and questioning all information we get from media and government agencies, and most particularly so if it originates from quarters with vested profit or power interests. By not letting ourselves be used, bullied or sacrificed on the altars of corrupt science, political power games and ruthless drug business profiteering. And above all, by using our common sense and thinking for ourselves!

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DEATH BY DOCTORING

Orthodox anticancer therapies have harmful if not fatal side effects, but medical professionals continue to inflict them on their patients as a matter of course.

Part 1 of 2

by Steven Ransom © 2002

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Extracted from his book
Great News on Cancer in the 21st Century
(Credence, 2002)

In summoning even the wisest of physicians to our aid, it is probable that he is relying upon a scientific 'truth', the error of which will become obvious in just a few years' time.

— Marcel Proust

CANCER: THE GOOD, THE BAD AND THE UGLY

Twenty-first century medicine boasts a number of treatments that are actually very dangerous to human health, none more so than for cancer. May this short report reach the many thousands of people currently undergoing conventional cancer treatment. May it also reach the many thousands of doctors, physicians, nurses and carers who every day are innocently inflicting serious harm in the name of conventional cancer care. Let the countdown begin. Let there soon be an end to...Death by Doctoring.

Every year in the United Kingdom, 200,000 people are diagnosed with cancer and 152,500 people die.¹ In the United States, the annual death rate for this disease is approximately 547,000.² These deaths are recorded as cancer deaths, but how many of these deaths are really attributable to the disease itself? How many deaths should in fact be recorded as "death by doctoring"? When we consider that conventional treatment consists almost entirely of radiation, chemotherapy and the long-term application of toxic pharmaceuticals—treatments which are all well known for their life-threatening side-effects—then the question becomes all the more legitimate. On chemotherapy, for instance, note the following:

"Most cancer patients in this country die of chemotherapy. Chemotherapy does not eliminate breast, colon, or lung cancers. This fact has been documented for over a decade, yet doctors still use chemotherapy for these tumors." (Allen Levin, MD, UCSF, *The Healing of Cancer*, Marcus Books, 1990)

We examine the much-publicised story of the UK media personality, the late John Diamond, who opted for conventional treatment. What does his story tell us? John was known for his critical attitude towards many of the more popular alternative therapies. We look at some aspects of the alternative approach and ask if his criticisms were entirely undeserved. We hear from those within the cancer establishment itself who cite the conventional cut, burn and dissolve techniques as ugly and inhumane, and from those who seriously question the amounts of money being invested in conventional cancer today, given the pitifully low recovery rate. In the UK alone, £2.8 billion a year is spent in the conventional cancer emporium. That's roughly £6,800,000 a day. US spending on cancer is 10 times higher.

We also hear from those who defied conventional wisdom and opted for non-toxic, non-conventional cancer treatments, with remarkable results. And no, we are not talking dolphin or pyramid therapy. From the known range of anticancer treatments available, this story focuses on the naturally occurring vitamin B17, vitamin C and the supporting role of nutrition. Vitamin B17 in particular has been attracting a great deal of attention recently, despite the concerted efforts of the worldwide cancer establishment to suppress or distort all the positive reporting on this vitamin.

But should we find this so surprising? After all, it's no secret that with global spending on conventional cancer running into the hundreds of billions of pounds and dollars annually, any news of a successful anticancer treatment extracted from the simple apricot kernel could do some serious damage to the wealth of the mighty Cancer, Inc.

Passing of King Charles II, 1685

But first, by way of introduction to the subject of "death by doctoring", we travel back a few hundred years to the bedside of King Charles II, where 14 of the highest-qualified physicians in the land are earnestly "reviving" the king from a stroke.

"The king was bled to the extent of a pint from a vein in his right arm. Next, his shoulder was cut into and the incised area was sucked of an additional 8 oz of blood. An emetic and a purgative were administered, followed by a second purgative, followed by an enema containing antimone, sacred bitters, rock salt, mallow leaves, violets, beetroot, camomile flowers, fennel seeds, linseed, cinnamon, cardamom seed, saffron, cochineal and aloes. The king's scalp was shaved and a blister raised. A sneezing powder of hellebore was administered. A plaster of burgundy pitch and pigeon dung was applied to the feet. Medicaments included melon seeds, manna, slippery elm, black cherry water, lime flowers, lily of the valley, peony, lavender and dissolved pearls. As he grew worse, forty drops of extract of human skull were administered, followed by a rallying dose of Raleigh's antidote. Finally, bezoar stone was given.

"Curiously, his Majesty's strength seemed to wane after all these interventions and, as the end of his life seemed imminent, his doctors tried a last-ditch attempt by forcing more Raleigh's mixture, pearl julep and ammonia down the dying king's throat. Further treatment was rendered more difficult by the king's death."³

We can be sure that the physicians gathered around the king's bed were all leaders in their particular field—royalty and presidents do not settle for anything less. But, as Proust observed, with hindsight we can now see the hideous error of their therapeutics. Today, the skull drops, the ammonia and the pigeon dung have long gone, but what will we say in a few years' time when we look back on the "highly respected" cancer therapeutics of 2002? Will we dare to venture that there is nothing new under the Sun? Have we really progressed much further?

Death of John Diamond, 2001

"He's been poisoned, blasted, had bits lopped off him, been in remission, felt lumps grow again, been given shreds of hope, had hope removed." (Nicci Gerrard, *Sunday Observer*, May 14, 2001)

Many thousands of people were touched by John Diamond's regular column in the London *Times* newspaper, giving stark and brutal insight into living with throat cancer. In a witty and very down-to-earth manner, John explored numerous life-with-cancer issues, including the ups and considerably more downs in body and mind during radiation treatment, the effects of his illness upon the wider family and the rediscovery of everyday wonders previously taken for granted. He showed his distaste for numerous cancer clichés such as "brave John" and "staying positive", replying: "I am not brave. I did not choose cancer. I am just me, dealing with it" and "Whenever somebody told me how good a positive attitude would be for me, what they really meant was how much easier a positive attitude would make it for them."

He was also well known for his castigation of almost all non-orthodox treatments, and for his willingness to submit to all that the medical orthodoxy had to offer—a service that even he, a conventional advocate, had variously described as "pay-as-you-bleed" and "surgical muggings".

For me, the most memorable images of John were captured in the BBC's *Inside Story*—a television programme that followed John during a year of treatment, showing him clearly suffering. An operation on John's throat caused him to lose his voice, which as a popular broadcaster was a serious blow. Later, through surgery and radiation treatment, he would lose most of his tongue and, with it, all sense of taste and the ability to eat properly—a double whammy, given that he was married to TV supercook Nigella Lawson.

In his extraordinary book, 'C': *Because Cowards Get Cancer Too* (which I could not put down), he wrote:

"He who didn't realise what a boon an unimpaired voice was, who ate his food without stopping to think about its remarkable flavour, who was criminally profligate with words, who took his wife and children and friends for granted—in short, he who didn't know he was living..."⁴

John died in March 2001, aged 47, after having suffered dreadfully for four years. In his death, he joined sports presenter Helen Rollason, Bill "Compo" Owen, Ian Dury, Roy Castle, Cardinal Basil Hume, Linda McCartney and, most recently, ex-Beatle George Harrison, plus 152,500 others in the UK who succumb annually to the cancer ordeal.

Kate Law of the Cancer Research Campaign said that John's story helped to bring cancer out of the closet in Britain.

John's writings certainly brought home the ugliness of conventional treatment.

But the more informed in the cancer debate who have read John's columns and book will have recognised that John's writings, brilliant though they were, did not bring out the full story of cancer at all.

Side Effects of Chemotherapy

Consider the following statement

from cancer specialist Professor Charles Mathe, who declared:

"If I contracted cancer, I would never go to a standard cancer treatment centre. Cancer victims who live far from such centres have a chance."⁵

Walter Last, writing in *The Ecologist*, reported recently:

"After analysing cancer survival statistics for several decades, Dr Hardin Jones, a professor at the University of California, concluded: '...patients are as well, or better off, untreated. Jones's disturbing assessment has never been refuted.'"⁶

Or what about this?

"Many medical oncologists recommend chemotherapy for virtually any tumour, with a hopefulness undiscouraged by almost invariable failure." (Albert Braverman, MD, "Medical Oncology in the 90s", *Lancet* 1991, vol. 337, p. 901)

Or this?

"Most cancer patients in this country die of chemotherapy.

"After analysing cancer survival statistics for several decades, Dr Hardin Jones, a professor at the University of California, concluded: '...patients are as well, or better off, untreated.'"

Chemotherapy does not eliminate breast, colon, or lung cancers. This fact has been documented for over a decade, yet doctors still use chemotherapy for these tumors." (Allen Levin, MD, UCSF, *The Healing of Cancer*)

Or even this?

"Despite widespread use of chemotherapies, breast cancer mortality has not changed in the last 70 years." (Thomas Dao, MD, *New England Journal of Medicine*, March 1975, vol. 292, p. 707)

Chemotherapy is an invasive and toxic treatment able supposedly to eliminate cancer cells.

Unfortunately, though, its ferocious chemistry is not able to differentiate between the cancerous cell or the healthy cell and surrounding healthy tissue.

Put simply, chemotherapy is an intravenously administered poison that kills all living matter. Repeated chemotherapy and repeated radiation treatments kill the whole body by degrees. The immune system is hit particularly hard by chemotherapy and often does not recuperate enough to protect adequately against common illnesses, which can then lead to death.

Some 67 per cent of people who die during cancer treatment do so through opportunistic infections arising as a direct result of the immune system failing because of the aggressive and toxic nature of the drugs.⁷ What is this, if not death by doctoring?

And the side effects from both chemotherapy and radiation itself are extensive. They can include dizziness, skin discolouration, sensory loss, audio/visual impairment, nausea, diarrhoea, loss of hair, loss of appetite leading to malnutrition, loss of sex drive, loss of white blood cells, permanent organ damage, organ failure, internal bleeding, tissue loss and cardiovascular leakage (artery deterioration), to name but a few.

Two years ago, Hazel was diagnosed with breast cancer. She described her chemotherapy as the worst experience of her life:

"This highly toxic fluid was being injected into my veins. The nurse administering it was wearing protective gloves because it would burn her skin if just a tiny drip came into contact with it. I couldn't help asking myself, 'If such precautions were needed to be taken on the outside, what is it doing to me on the inside?' From 7 pm that evening, I vomited solidly for two and a half days. During my treatment, I lost my hair by the handful, I lost my appetite, my skin colour, my zest for life. I was death on legs."

We shall be hearing more from Hazel later, although under very different circumstances.

It seems, though, that with chemotherapy we are once again looking at the acceptable face of King Charles's ammonia treatment and, once again, being administered by the highest physicians in the land. Similarly, on the toxicity of radiation "therapy", John Diamond noted that it was only when he began his treatment that he began to feel really ill.

Senior cancer physician Dr Charles Moertal, of the Mayo Clinic in the USA, stated:

"Our most effective regimens are fraught with risks and side-effects and practical problems; and after this price is paid by all the patients we have treated, only a small fraction are rewarded with a transient period of usually incomplete tumor regressions..."⁸

Dr Ralph Moss is the author of *The Cancer Industry*, a

shocking exposé of the world of conventional cancer politics and practice. Interviewed on the Laura Lee radio show in 1994, Moss stated:

"In the end, there is no proof that chemotherapy actually extends life in the vast majority of cases, and this is the great lie about chemotherapy: that somehow there is a correlation between shrinking a tumour and extending the life of a patient."⁹

Scientists based at McGill Cancer Center sent a questionnaire to 118 lung cancer doctors to determine what degree of faith these practising cancer physicians placed in the therapies they administered. They were asked to imagine that they had cancer, and were asked which of six current trials they would choose. Seventy-nine doctors responded, of which 64 would not consent to be in any trial containing Cisplatin—one of the common chemotherapy drugs they were trialling (currently achieving worldwide sales of about US\$110,000,000 a year)—and 58 of the 79 found that all the trials in question were unacceptable due to the ineffectiveness of chemotherapy and its unacceptably high degree of toxicity.¹⁰

The following extract is taken from Tim O'Shea at The Doctor Within:

"A German epidemiologist from the Heidelberg/Mannheim Tumor Clinic, Dr Ulrich Abel, has done a comprehensive review

and analysis of every major study and clinical trial of chemotherapy ever done. His conclusions should be read by anyone who is about to embark on the Chemo Express. To make sure he had reviewed everything ever published on chemotherapy, Abel sent letters to over 350 medical centers around the world, asking them to send him anything they had published on the subject. Abel researched thousands of articles: it is unlikely that anyone in the world knows more about chemotherapy than he.

"The analysis took him several years, but the results are astounding:

Abel found that the overall worldwide success rate of chemotherapy was 'appalling' because there was simply no scientific evidence available anywhere that chemotherapy can 'extend in any appreciable way the lives of patients suffering from the most common organic cancers'. Abel emphasizes that chemotherapy rarely can improve the quality of life. He describes chemotherapy as 'a scientific wasteland' and states that at least 80 per cent of chemotherapy administered throughout the world is worthless and is akin to the 'emperor's new clothes'—neither doctor nor patient is willing to give up on chemotherapy, even though there is no scientific evidence that it works! (*Lancet*, 10 August 1991) No mainstream media even mentioned this comprehensive study: it was totally buried."^{10a}

The Doctor-Patient Power Imbalance

Whilst in the main dismissing the "alternativist" treatments, as he called them, and writing in a generally confident manner about his trust in the conventional medical paradigm, John Diamond would sometimes waver:

"What if those denying alternativists were right? What if the truth was that no life had ever been saved by radiotherapy and that there was every chance that my cancer would be made worse by it being irradiated? What if the truth as pronounced by a couple of books was that the main effect of cancer surgery was to release stray cancer cells into the body, allowing them to set up home

**Put simply, chemotherapy
is an intravenously
administered poison that
kills all living matter.**

elsewhere?... I turned to the medical books for solace and got none."¹¹

Talk with cancer patients and one soon discovers that many of them report that, although they have an uncomfortable gut feeling that there must somehow be a better way forward, they still find themselves returning to their oncologist for more of the same uncomfortable treatment. Why is this, when there are proven, non-conventional and non-harmful treatments readily available?

Surely, one significant factor is our hereditary submissive attitude to the medical orthodoxy and its archetypal symbolism: the white coat, the stethoscope, the years of knowledge represented in those framed degrees. Every artefact speaks of our being in the hands of experts. And then there is the added pressure that can be exerted upon the patient at the point of diagnosis by the cancer physician.

In his essay entitled "The \$200 Billion Scam", Jeff Kamen reports on how a cancer diagnosis was delivered to Kathy Keeton, the late wife of *Penthouse* magazine magnate Bob Guccione:

"I'm sorry," she remembers her doctor saying. "It's a very rare form of the disease. It's the nature of this kind of cancer that it takes off at a gallop and metastasizes quickly, so we need to act quickly and get you started on chemotherapy at once. We have some of the best people in the world in this field. I urge you to let me get you into their expert care. There is no time to waste. This form of cancer is often fatal, and quickly so. Untreated, you have six weeks to live. We really must move aggressively with the chemo."^{11a}

Hazel recalls a similar experience:
"Basically, I was in shock from the diagnosis. I was sitting there, with the doctor saying that this treatment was the best available and that it was actually a matter of life or death that I received it. My husband was sitting next to me, telling me that I needed to go along with it. I kind of went into a trance and, although something didn't feel quite right, I found myself nodding to chemotherapy."

Most definitely, the power imbalance that exists in all doctor-patient relationships (whence comes the term "shrink" in psychiatry) is a key agent in determining the direction of treatment.

Confusing and Conflicting Information

Aside from this very powerful influence, a mass exodus away from conventional cancer treatment towards proven, non-conventional treatments has also been severely hampered by the negative effects of the vast sea of confusing, conflicting and often bizarre information out there, posing as "helpful" alternative cancer advice. A first-timer seeking alternative advice on the Internet, for instance, can soon become thoroughly disheartened. Some 4,000 links come up under "alternative cancer treatment" alone!

An anxious patient, with no time to separate the wheat from the chaff, is then faced with having to make a series of calculations, based solely on his negative experiences on the Internet and a sort of blind, desperate faith that, somehow, the well-qualified oncologist has got to be right.

"And didn't he warn us that there were a lot of Internet kooks out there?" The patient is then right back to square one and, by default, the chemotherapy suggested earlier seems overall to be the "safest" bet.

In the view of health reporter Phillip Day, author of *Cancer: Why We're Still Dying to Know The Truth*:

"Many people just gulp, enter the cancer tunnel and hope they come out the other end."

But despite the fact that an Internet search can very easily generate confusion, there is actually a wealth of expertly documented, credible information available on natural and genuinely efficacious treatments for a variety of serious illnesses, including cancer—information that, in some instances, has been in existence for many years.

But information on such treatments is not widely available in the public domain—perhaps because genuine medicine has had to fight tremendously hard to be heard clearly. And there are particular reasons why this has been so. Often, it is not so much *where* to look for genuine natural treatment and medical advice as *how* to look for it.

Before discussing specific cancer treatments in more depth, it is important that we briefly examine the reasons for the current levels of confusion surrounding genuine natural medicine as a whole: wilful distortion, unwitting stupidity, you name it. Conventional and alternative, it's taking place on both sides of the fence. We must learn to read between the lines.

A first-timer seeking alternative advice on the Internet, for instance, can soon become thoroughly disheartened. Some 4,000 links come up under "alternative cancer treatment" alone!

Forked Tongues, Fraud & Failure

Proponents of genuine natural treatments for serious illnesses have always had to fight on several fronts in their long, hard battle for proper recognition of these treatments. They have had to do battle with those calculating opportunists—the forked-tongued drug merchants—who use every trick in the book to undermine any genuine treatments not under their own jurisdiction and employ all means possible to disseminate their damaging disinformation as far and wide as possible in order to protect their own

lucrative markets. No department, private or public, is beyond the reach of the drug merchants' all-consuming influence.

Thriller writer John Le Carré spent many years working in the British Foreign Office and knows the politics of big business very well. His most recent book, *The Constant Gardener*, focuses on the corrupt nature of the pharmaceutical industry. In an interview on the subject, Le Carré stated recently:

"Big Pharma is engaged in the deliberate seduction of the medical profession, country by country, worldwide. It is spending a fortune on influencing, hiring and purchasing academic judgement to a point where, in a few years' time, if Big Pharma continues unchecked on its present happy path, unbought medical opinion will be hard to find."¹²

In opposition to the incessant drive by Big Business to dominate our health choices, Dr Matthias Rath provides a concise summary of the primary ethics of the merchant's house:

"Throughout the 20th century, the pharmaceutical industry has been constructed by investors, the goal being to replace effective but non-patentable natural remedies with mostly ineffective but patentable and highly profitable pharmaceutical drugs. The very nature of the pharmaceutical industry is to make money from ongoing diseases. Like other industries, the pharmaceutical industry tries to expand their market—that is, to maintain ongoing diseases and to find new diseases for their drugs. Prevention and cure of diseases damages the pharmaceutical business and the

eradication of common diseases threatens its very existence.

"Therefore, the pharmaceutical industry fights the eradication of any disease at all costs. The pharmaceutical industry itself is the main obstacle, why today's most widespread diseases are further expanding, including heart attacks, strokes, cancer, high blood pressure, diabetes, osteoporosis and many others. Pharmaceutical drugs are not intended to cure diseases. According to health insurers, over 24,000 pharmaceutical drugs are currently marketed and prescribed without any proven therapeutic value. (AOK Magazine, 4/98)

"According to medical doctors' associations, the known dangerous side-effects of pharmaceutical drugs have become the fourth leading cause of death after heart attacks, cancer and strokes. (Journal of the American Medical Association, April 15, 1998)

"Millions of people and patients around the world are defrauded twice. A major portion of their income is used up to finance the exploding profits of the pharmaceutical industry. In return, they are offered a medicine that does not even cure."

Dr Rath is currently spearheading the fight against the pharmaceutical industries as they seek to legislate against our free use of vitamins and minerals. If this legislation is passed, it will directly affect *you* in many ways. Please visit website <http://www.vitamins-for-all.org> right now and sign the petition. It will only take 30 seconds and is so important. And such is the nature of the information still to come on this site, I have every confidence that you will be right back!

Writing in the UK *Guardian* on February 7, 2002, senior health editor Sarah Bosely reported:

"Scientists are accepting large sums of money from drug companies to put their names to articles, endorsing new medicines, that they have not written—a growing practice that some fear is putting scientific integrity in jeopardy."^{12a}

These supposed guardians of our health are being paid what to say. Said one physician in the article:

"What day is it today? I'm just working out what drug I'm supporting today."

From top to bottom, 21st century medicine is being bought and taught to think of all medical treatment in terms of pharmaceutical intervention only.

While the politicking and big business string-pulling is taking place behind the scenes, our minds are being washed with the constant froth of emotive, unfounded, pro-establishment, populist headlines such as: "Another breakthrough at UCLA!..." (Yes, but with mice!) "It's in the genes!" (Another £5 million *now* will help us to isolate the gene in 2010...perhaps.) "Excitement at latest oncology findings!" (Buoyant opening paragraph, descending into the usual mixture of hope extinguished by caution and the obligatory appeal to the pocket.) "Cancer vaccine close!" (Yes, and close since 1975, actually. But please, continue to give generously, because next time it could be you!)

And so it goes on. And all the while, the mortality statistics worsen. Yet still, the money—our money—just keeps on rolling in. On that note, the Campaign Against Fraudulent Medical

Research has warned:

"The next time you are asked to donate to a cancer organisation, bear in mind that your money will be used to sustain an industry which has been deemed by many eminent scientists as a qualified failure and by others as a complete fraud."¹³

Mammography and the Spread of Breast Cancer

Thanks go to Dr Tim O'Shea for the following very important information on the practice of mammography:

"This is one topic where the line between advertising and scientific proof has become very blurred. As far back as 1976, the American Cancer Society itself and its government colleague, the National Cancer Institute, terminated the routine use of mammography for women under the age of 50 because of its 'detrimental' (carcinogenic) effects. More recently, a large study done in Canada found that women who had routine mammograms before

the age of 50 also had *increased* death rates from breast cancer by 36%. (Miller)

"Lorraine Day notes the same findings in her video presentation, *Cancer Doesn't Scare Me Any More*. The reader is directed to these sources and should perhaps consider the opinion of other sources than those selling the procedure, before making a decision.

"John McDougall, MD, has made a thorough review of pertinent literature on mammograms. He points out that the US\$5–13 billion per year generated by mammograms controls the information that women get. Fear and incomplete data are the tools commonly used to persuade women to get routine mammograms.

What is clear is that mammography cannot prevent breast cancer or even the spread of breast cancer. By the time a tumour is large enough to be detected by mammography, it has been there as long as 12 years! It is therefore ridiculous to advertise mammography as 'early detection'. (McDougall, p. 114)

"The other unsupportable illusion is that mammograms prevent breast cancer, which they don't. On the contrary, the painful compression of breast tissue

during the procedure itself can increase the possibility of metastasis by as much as 80%! Dr McDougall notes that between 10% and 17% of the time, breast cancer is a self-limiting, non-life-threatening type called 'ductal carcinoma *in situ*'. This harmless cancer can be made active by the compressive force of routine mammography. (McDougall, p. 105)

"Most extensive studies show no increased survival rate from routine screening mammograms. After reviewing all available literature in the world on the subject, noted researchers Drs Wright and Mueller of the University of British Columbia recommended the withdrawal of public funding for mammography screening because the 'benefit achieved is marginal, and the harm caused is substantial'. (*Lancet*, July 1, 1995)

"The harm they're referring to includes the constant worrying and emotional distress, as well as the tendency for unnecessary procedures and testing to be done, based on results which have a false positive rate as high as 50%." (*New York Times*, December 14, 1997)^{13a}

The next time you are asked to donate to a cancer organisation, bear in mind that your money will be used to sustain an industry which has been deemed by many eminent scientists as a qualified failure and by others as a complete fraud.

The Non-Conventional Medical Marketplace

Whilst the remit of this article does not extend to a full exploration of the influence that money has had over the corruption of true medicine and medical practice, let the reader be assured that conventional medicine has more than its fair share of attendant commercial pressures, and especially so in the world of cancer, as we shall soon discover.

Aside from the wiles of the merchant, genuine medicine also has always had to do battle with the well-intentioned parahealer,¹⁴ who unwittingly has the capacity to prove equally as threatening to the cause, but for very different reasons.

The non-conventional medical marketplace seems to be dominated by those who are able to deliver an admirably coherent deconstruction of the conventional paradigm, but who choose not to apply the same level of intelligent critique to their own, often wacky, nostrums.

As such, we are subjected to an equally misguided barrage of pronouncements, for example: "Submit not to the ravages of chemo—let White Eagle purge you of those negative energies"; "Visit a pyramid, a shaman (My sickness is a shamanic gift and calling^{14a}), a cancer 'guide' (Okay, group. Eyes closed. Your cancer is receding. The lump is disintegrating. Envisage the all-consuming fire!)" A coat of mud, of seaweed or both, some psycho-surgery, some radionics, this therapy, that therapy and, of course, a thousand-and-one folk remedies: grandma's trusted "brain tumour elixir" perhaps, a walnut kernel perfectly preserved in rainwater (seven drops, three times a day)...

Celebrities with the more serious illnesses receive these well-intentioned "tips and tricks" by the sackload. John Diamond was no exception:

"I've had anecdotal evidence from those who believe in voodoo, the power of the fairy people—yes, really—drinking my own p**s and any number of other remedies... I should put my faith in the Bessarabian radish, the desiccated root of which has been used for centuries by Tartar nomads to cure athlete's foot, tennis elbow and cancer, as detailed in their book, *Why Your Doctor Hates You And Wants You To Die*, review copy enclosed..."¹⁵

Notwithstanding the genuine treatments available in the natural cabinet (we shall discuss this in part two), a huge number of remedies being sold as "medicine" today contain no sensible methodology—yet, amazingly, they are selling very well. No

better is this phenomenon illustrated than in the lucrative minor ailments market, where, on a daily basis across the world, untold millions are being spent on pharmacologically inert mixtures and "essences", producing truly marvellous results with illnesses from which we were going to get better anyway.¹⁶

The Dangers of Uncritical Thinking

In truth, were the general public to be given clear information on the nature of self-limiting illness and on the wondrous ability of a properly nourished immune system to overcome almost all ills unaided, the bottom would fall out of the minor ailments market tomorrow, both conventional and alternative.

Unfortunately, though, any of the more awkward questions arising from this discussion, such as "How can you continue to sell these ointments as 'medicines' in the light of this knowledge?", are usually defended not by answering the actual question itself, but by the therapist appealing to the worthiness of his wider philanthropic goals and to "the much greater threat to the global populace" posed by the merchant's house with all its toxic wares, etcetera, etcetera.

Donald Gould, author of *The Black and White Medicine Show*, has warned of the dangers we invite by adopting such *laissez-faire* reasoning:

"Why not make the most of what the non-conformists have to offer and to hell with uncharitable logic? There is, I suggest, a powerful reason for rejecting this superficially attractive option. Truth is a fundamental value. If we accept uncritical thinking in one area of our lives for the sake of convenience or because of the popular appeal of a seductive myth and the short-term comfort to be gained by believing in the unbelievable, or because the false answer lets us pretend we are competently coping with a painful problem we haven't truly tackled, then we are all the more likely to adopt the same strategy in other situations, from dealing with the family to managing the national economy, and from chairing the parish council to handling arsenals of nuclear weapons.

The result is likely to be unhappy and stands a decent chance of proving a disaster. Irrational beliefs are always dangerously corrupting, even when they only relate to the cause and cure of piles."¹⁷

Continued next issue...

Author's Note:

Please feel free to comment on this report using the email address steve1@onetel.net.uk. The views of those readers with medical qualifications are especially welcome. Thank you for reading. For re-publication details or further information, telephone on +44 (0)1825 765588 or 07947 496488 (mobile).

Endnotes

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THE GREAT CON-OLA

Canola oil has a number of undesirable health effects when used as the main source of dietary fats, although these side effects can be offset by the intake of saturated fats.

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Editor's Note: Several mentions of animal experiments are made in this article. NEXUS does not agree with the practices of animal experimentation and vivisection, but we also don't want to censor the articles we publish.

This is what the food industry says about canola oil... Canola oil is widely recognised as the healthiest salad and cooking oil available to consumers. It was developed through hybridisation of rapeseed. Rapeseed oil is toxic because it contains significant amounts of a poisonous substance called erucic acid. Canola oil contains only trace amounts of erucic acid and its unique fatty acid profile, rich in oleic acid and low in saturated fats, makes it particularly beneficial for the prevention of heart disease. It also contains significant amounts of omega-3 fatty acids, also shown to have health benefits.

This is what detractors say about canola oil... Canola oil is a poisonous substance, an industrial oil that does not belong in the body. It contains "the infamous chemical warfare agent mustard gas", haemagglutinins and toxic cyanide-containing glycosides; it causes mad cow disease, blindness, nervous disorders, clumping of blood cells and depression of the immune system.

How is the consumer to sort out the conflicting claims about canola oil? Is canola oil a dream come true or a deadly poison? And why has canola captured so large a share of the oils used in processed foods?

THE HIDDEN HISTORY OF CANOLA

Let's start with some history. The time period is the mid-1980s and the food industry has a problem. In collusion with the American Heart Association, numerous government agencies and departments of nutrition at major universities, the industry had been promoting polyunsaturated oils as a heart-healthy alternative to "artery-clogging" saturated fats. Unfortunately, it had become increasingly clear that polyunsaturated oils, particularly corn oil and soybean oil, cause numerous health problems, including and especially cancer.¹

The industry was in a bind. It could not continue using large amounts of liquid polyunsaturated oils and make health claims about them in the face of mounting evidence of their dangers. Nor could manufacturers return to using traditional healthy saturates—butter, lard, tallow, palm oil and coconut oil—without causing an uproar. Besides, these fats cost too much for the cut-throat profit margins in the industry.

The solution was to embrace the use of monounsaturated oils, such as olive oil. Studies had shown that olive oil has a "better" effect than polyunsaturated oils on cholesterol levels and other blood parameters. Besides, Ancel Keys and other promoters of the diet-heart idea had popularised the notion that the Mediterranean diet—rich in olive oil and conjuring up images of a carefree existence on sun-drenched islands—protected against heart disease and ensured a long and healthy life.

The National Heart, Lung and Blood Institute (NHLBI) sponsored the First Colloquium on Monounsaturates in Philadelphia. The meeting was chaired by Scott Grundy, a prolific writer and apologist for the notion that cholesterol and animal fats cause heart disease. Representatives from the edible oil industry, including Unilever, were in attendance. The Second Colloquium on Monounsaturates took place in Bethesda, Maryland, early in 1987. Dr Grundy was joined by Dr Claude Lenfant, head of the NHLBI, and speakers included Dr Fred Mattson, who had spent many years at Procter & Gamble, and the Dutch scientist

Martijn Katan, who would later publish research on the problems with *trans* fatty acids. It was at this time that articles extolling the virtues of olive oil began to appear in the popular press.

Promotion of olive oil, which had a long history of use, seemed more scientifically sound to the health-conscious consumer than the promotion of corn and soy oil, which could only be extracted with modern stainless steel presses. The problem for the industry was that there was not enough olive oil in the world to meet its needs. And, like butter and other traditional fats, olive oil was too expensive to use in most processed foods. The industry needed a less expensive monounsaturated oil.

Rapeseed oil was a monounsaturated oil that had been used extensively in many parts of the world, notably in China, Japan and India. It contains almost 60 per cent monounsaturated fatty acids (compared to about 70 per cent in olive oil). Unfortunately, about two-thirds of the monounsaturated fatty acids in rapeseed oil are erucic acid, a 22-carbon monounsaturated fatty acid that had been associated with Keshan's disease, characterised by fibrotic lesions of the heart. In the late 1970s, using a technique of genetic manipulation involving seed splitting,² Canadian plant breeders came up with a variety of rapeseed that produced a monounsaturated oil that was low in 22-carbon erucic acid and high in 18-carbon oleic acid.

The new oil—referred to as LEAR oil, for Low Erucic Acid Rapeseed—was slow to catch on in the US. In 1986, Cargill announced the sale of LEAR oilseed to US farmers and provided LEAR oil processing at its Riverside, North Dakota, plant, but prices dropped and farmers took a hit.³

MARKETING LEAR OIL

Before LEAR oil could be promoted as a healthy alternative to polyunsaturated oils, it needed a new name. Neither "rape" nor

"LEAR" could be expected to invoke a healthy image for the new "Cinderella" crop. In 1978, the industry settled on "canola", for "Canadian oil", since most of the new rapeseed at that time was grown in Canada. "Canola" also sounded like "can do" and "payola"—both positive phrases in marketing lingo. However, the new name did not come into widespread use until the early 1990s.

An initial challenge for the Canola Council of Canada was the fact that rapeseed had never been given GRAS (Generally Recognized as Safe) status by the US Food and Drug Administration. A change in regulation would be necessary before canola could be marketed in the US.⁴ Just how this was done has not been revealed, but GRAS status was granted in 1985—for which, it is rumoured, the Canadian government spent US\$50 million to obtain.

Since canola was aimed at the growing numbers of health-conscious consumers rather than the junk food market, it required more subtle marketing techniques than television advertising. The industry had managed to manipulate the science to make a perfect match with canola oil—very low in saturated fat and rich in monounsaturates. In addition, canola oil contains about 10 per cent omega-3 fatty acids—the most recent discovery of establishment nutritionists. Most Americans are deficient in omega-3 fatty acids, which had been shown to be beneficial to the heart and immune system. The challenge was to market this dream-come-true fatty acid profile in a way that would appeal to educated consumers.

Canola oil began to appear in the recipes of cutting-edge health books, such as those by Andrew Weil and Barry Sears. The technique was to extol the virtues of the Mediterranean diet and olive oil in the text, and then call for "olive oil or canola oil" in the recipes. One informant in the publishing industry told us that

THE LOW-DOWN ON FATTY ACIDS

SATURATED FATTY ACIDS are chains of carbon atoms that have hydrogen filling every bond. In foods, they normally range in length from four to 22 carbons. Because of their straight configuration, saturated fatty acids pack together easily and tend to be solid at room temperature.

Butter, tallow, suet, palm oil and coconut oil are classified as saturated fats because they contain a preponderance of saturated fatty acids. Saturated fats are stable and do not become rancid when subjected to heat, as in cooking.

MONOUNSATURATED FATTY ACIDS are chains of carbon atoms that have one double bond between two carbons and therefore lack two hydrogens. Normally they range from 16 to 22 carbons. They have a kink or bend at the position of the double bond, so the molecules do not pack together as easily as in saturated fatty acids. Monounsaturated oils tend to be liquid at room temperature but become solid when refrigerated.

Olive oil, peanut oil, lard, rapeseed and canola oils are classified as monounsaturated oils. The most common monounsaturated fatty acids are palmitoleic (16 carbons), oleic (18 carbons) and erucic (22 carbons). Monounsaturated oils are relatively stable and can be used for cooking.

POLYUNSATURATED FATTY ACIDS have two or more double bonds. As there is a bend or kink at each double bond, these fatty acids do not pack together easily and tend to be liquid, even when cold. Polyunsaturated oils are very fragile. They tend to develop harmful free radicals when subjected to heat and oxygen, as in cooking or processing. Soybean oil, safflower oil, sunflower oil and flax oil are polyunsaturated oils.

Omega-6 fatty acids have the first double-bond at the sixth carbon from the end of the fatty acid chain. The most common omega-6 fatty acid is linoleic acid, which is called an essential fatty acid (EFA) because your body cannot make it. Omega-3 fatty acids have the first double bond at the third carbon. The most common omega-3 fatty acid is the EFA alpha-linolenic acid.

The consensus among lipid experts is that the American diet is too high in omega-6 fatty acids (present in high amounts in commercial vegetable oils) and lacking in omega-3 fatty acids (which are present in organ meats, wild fish, pasteurised egg yolks, organic vegetables and flax oil). A surfeit of omega-6 fatty acids and deficiency in omega-3 fatty acids has been shown to depress immune system function, contribute to weight gain and cause inflammation.

since the mid-1990s, major publishers would not accept cookbooks unless they included canola in the recipes.

In 1997, HarperCollins engaged Dr Artemis Simopoulos to write a cookbook featuring the health benefits of omega-3 fatty acids.⁵ Dr Simopoulos is a paediatrician who had served for nine years as chair of the Nutritional Coordinating Committee of the National Institutes of Health before becoming president of the Center for Genetics, Nutrition and Health. She had published several papers on omega-3 fatty acids, calling attention to their disappearance from the food supply due to the industrialisation of agriculture. Her most famous paper, published in 1992 in the *American Journal of Clinical Nutrition*, compared omega-3 levels in supermarket eggs from hens raised on corn with eggs from hens allowed to roam and eat a more varied diet.⁶ The more natural eggs contained 20 times more omega-3 than supermarket eggs.

Simopoulos's *The Omega Plan* came out in 1998 and was reissued as *The Omega Diet* in 1999. The book discusses the virtues of monounsaturated and omega-3 fatty acids in the Mediterranean diet.⁷ Since unprocessed canola oil contains not only lots of monounsaturated fatty acids, but also a significant amount of omega-3, it shows up in most of the book's recipes. Simopoulos claims that the Mediterranean diet is low in saturated fat, and she recommends lean meat and low-fat yoghurt and milk as part of her regime.

The canola industry's approach—scientific conferences, promotion to upscale consumers through books like *The Omega Diet*, and articles in the health section of newspapers and magazines—was successful. By the late 1990s, canola use had soared, and not just in the United States. Today China, Japan, Europe, Mexico, Bangladesh and Pakistan all buy significant amounts. Canola does well in arid environments such as Australia and the Canadian plains, where it has become a major cash crop. It is the oil of choice in gourmet and health food markets like Fresh Fields Whole Foods Markets, and shows up in many supermarket items as well. It is a commonly used oil in sterol-containing margarines and spreads recommended for cholesterol lowering. Use of hydrogenated canola oil for frying is increasing, especially in restaurants.

REASONS TO BE CAUTIOUS ABOUT CANOLA

Reports on the dangers of rapeseed oil are rampant on the Internet, mostly stemming from an article, "Blindness, Mad Cow Disease and Canola Oil", by John Thomas, which appeared in *Perceptions* magazine, March/April 1996. Some of the claims are ludicrous. Although rape is a member of the *Brassica* or mustard family, it is not the source of mustard gas used in chemical warfare.

Glycosides or glycosinolates (compounds that produce sugars on hydrolysis) are found in most members of the *Brassica* family including broccoli, kale, cabbage and mustard greens. They contain sulphur (not arsenic), which is what gives mustard and cruciferous vegetables their pungent flavour. These compounds are goitrogenic and must be neutralised by cooking or fermentation.

As rapeseed meal was high in glycosides, it could not be used in large amounts for animal feeding. However, plant breeders have been able to breed out the glycosides as well as the erucic acid from canola oil.⁸ The result is a low-glycoside meal that can be used as an animal feed. In fact, canola meal for animal feed is an important Canadian export.

Haemagglutinins—substances that promote blood clotting and depress growth—are found in the protein portion of the seed, although traces may show up in the oil. And canola oil was not the cause of the mad cow epidemic in Britain,⁹ although feeding of canola oil may make cattle more susceptible to certain diseases.

Like all fats and oils, rapeseed oil has industrial uses. It can be used as an insecticide, a lubricant, a fuel and in soap, synthetic rubber and ink. Like flax oil and walnut oil, it can be used to make varnish. Traditional fats like coconut oil, olive oil and tallow also have industrial uses, but that does not make them dangerous for human consumption.

We have had reports of allergies to canola, and Internet articles describe a variety of symptoms—tremors, shaking, palsy, lack of coordination, slurred speech, memory problems, blurred vision, problems with urination, numbness and tingling in the extremities, and heart arrhythmias—that cleared up on discontinuance of canola. None of this has been reported in the medical journals, however.

Writing for the *Washington Post*, Professor Robert L. Wolke (<http://www.professor-science.com>) chastises the publishers of these reports as spreading "hysterical urban legends about bizarre diseases".¹⁰ The industry actually profits from such wild claims, because they are wrong and easily dismissed.

Nevertheless, consumers do have reason to be cautious about the establishment's favourite oil, which is now showing up in an increasing number of products.

GENETICALLY ENGINEERED/ MODIFIED CANOLA

The first seed oil to be created through genetic manipulation, canola is also the focus of a variety of genetic engineering/modification (GE/GM) projects in which genetic material from other species is inserted into the seeds in order to magnify certain traits in the resultant plant.

Herbicide-resistant GE canola now comprises a large portion of the total canola crop. Apologists point to endorsement by the FDA and the American Dietetic Association that GE canola is nutritionally and environmentally safe and claim that the GE variety means less spraying of herbicides, less chemical runoff and a boon to farmers.

Percy Schmeiser, a third-generation Saskatchewan farmer, found out the hard way that GE canola may *not* be a boon to farmers. Pollen from Monsanto's patented GE canola seeds blew onto his land from neighbouring farms; unlike grains, rape and canola plants spread their pollen on the wind. Monsanto's "gene police" then invaded his farm and took seed samples without his permission. Because Schmeiser did not spray his crop with herbicides, a Canadian court ruled that he had taken advantage of Monsanto's GE technology. Schmeiser was ordered to pay \$10,000 for licensing fees and up to \$75,000 in profits from his 1998 crop.

Meanwhile, genetic engineers are involved in projects to make canola oil "even more nutritious" by further reducing the amount of saturates in the fatty acid profile and raising the levels of monounsaturates. This, they claim, will make it possible to reduce the amount of *trans* fats in the processed oil, presumably because levels of omega-3 fatty acids, which need to be deodorised, will also be lowered. Should the genetic engineers be successful, it might be possible to create a diet in which the vast majority of fatty acids is monounsaturated—something that does not exist in any traditional diet anywhere in the world.

(Source: Eric Peters, "Let them eat canola", *Washington Times*, April 29, 2002)

SOYBEAN OIL VERSUS RAPESEED OIL IN INDIA

While canola oil is displacing soybean oil in many American processed foods, soybean oil is displacing traditional rapeseed oil in India.

In her book *Stolen Harvest*, Indian author Dr Vandana Shiva describes how American industrially processed soy oil replaced traditional seed oils in a large part of India. Each region in India has its specific edible oil used for cooking. In the North and East it is rapeseed oil, in the West it is peanut oil, in the Deccan it is sesame and in Kerala it is coconut.

In India, rapeseed or mustard oil was traditionally sold in small quantities, extracted as needed with a small oil press or *ghanis*. Oil processing provided employment for thousands of artisans and ensured that the housewife had a fresh product. The oil cake was then fed to cattle (with no apparent negative effects). Mustard oil also served as mosquito repellent and as a nonpolluting oil in lamps.

Within a few months after the advent of "free trade" for soybean oil into India, thousands of Indians fell ill with "dropsy" due to a mysterious adulteration of rapeseed oil. The government banned the sale of all unpackaged edible oils, thus ensuring an end to all household and community-level oil processing. Edible oil production became fully industrialised and local processing became a criminal act. Thousands of workers were dispossessed of their livelihood and millions of Indians were dispossessed of a healthy oil. Cheap, highly processed soy oil immediately replaced rapeseed oil in the markets.

During the crisis, the US Soybean Association pushed for soybean imports as the "solution". One business publication reported: "US farmers need big new export markets. India is a perfect match." Growth was achieved by theft of an important part of the small-scale local economy.

CANOLA OIL STUDIES

Says Professor Wolke: "I found no research studies indicating that today's low-erucic-acid canola oil, as distinguished from ordinary rapeseed oil, is harmful to humans." That's because, even though canola oil now has GRAS status, no long-term studies on humans have been done.

Animal studies on Low Erucic Acid Rapeseed oil were performed when the oil was first developed and have continued to the present. The results challenge not only the health claims made for canola oil, but also the theoretical underpinnings of the diet-heart hypothesis.

The first published studies on the new oil were performed in 1978 at the Unilever research facility in the Netherlands.¹¹ The industry was naturally interested to know whether the new LEAR oil caused heart lesions in test animals. In earlier studies, animals fed high-erucic-acid rapeseed oil showed growth retardation and undesirable changes in various organs, especially the heart—a discovery that touched off the so-called "erucic acid crisis" and spurred plant geneticists to develop new versions of the seed.

The results of the LEAR study were mixed. Rats genetically selected to be prone to heart lesions developed more lesions on the LEAR oil and the flax oil than those on olive oil or sunflower oil, leading researchers to speculate that the omega-3 fatty acids (not erucic acid) in LEAR and flax oil might be the culprit. But rats genetically selected to be resistant to heart lesions showed no significant difference between the four oils tested, and LEAR oil did not cause heart problems in mice, in contrast to high-erucic oil which induced severe cardiac necrosis.

In 1979, researchers at the Canadian Institute for Food Science and Technology pooled the results of 23 experiments involving rats at four independent laboratories. All looked at the effects of LEAR and other oils on the incidence of heart lesions. They found that saturated fats (palmitic and stearic acids) were protective against heart lesions, but that high levels of omega-3 fatty acids correlated with high levels of lesions. They found a lesser correlation with heart lesions and erucic acid.¹²

In 1982, the same research group published a paper that looked at the interaction of saturated fats with LEAR oil and soybean oil. When saturated fats in the form of cocoa butter were added to the diets, the rats in both groups had better growth and a significant lowering of heart lesions.

Said the authors: "These results support the hypothesis that myocardial lesions in male rats are related to the balance of dietary fatty acids and not to cardiotoxic contaminants in the oils."¹³

Canadian researchers looked at LEAR oils again in 1997. They found that piglets fed milk replacement containing canola oil showed signs of vitamin E deficiency, even though the milk replacement contained adequate amounts of vitamin E.¹⁴ Piglets fed soybean oil-based milk replacement, fortified with the same amount of vitamin E, did not show an increased requirement for vitamin E.

Vitamin E protects cell membranes against free radical damage and is vital to a healthy cardiovascular system. In a 1998 paper, the same research group reported that piglets fed canola oil suffered from a decrease in platelet count and an increase in platelet size.¹⁵ Bleeding time was longer in piglets fed both canola oil and rapeseed oil. These changes were mitigated by the addition of saturated fatty acids from either cocoa butter or coconut oil to the piglets' diet. These results were confirmed in another study a year later. Canola oil was found to suppress the normal developmental increase in platelet count.¹⁶

Finally, studies carried out at the Health Research and Toxicology Research Divisions in Ottawa, Canada, discovered that rats bred to have high blood pressure and proneness to stroke had shortened life-spans when fed canola oil as the sole source of fat.¹⁷ The results of a later study suggested that the culprit was the sterol compounds in the oil, which "make the cell membrane more rigid" and contribute to the shortened life-span of the animals.¹⁸

These studies all point in the same direction: that canola oil is definitely not healthy for the cardiovascular system. Like rapeseed oil, its predecessor, canola oil is associated with fibrotic lesions of the heart. It also causes vitamin E deficiency, undesirable changes in the blood platelets, and shortened life-span in stroke-prone rats when it was the only oil in the animals' diet. Furthermore, it seems to retard growth, which is why the FDA does not allow the use of canola oil in infant formula.¹⁹

When saturated fats are added to the diet, the undesirable effects of canola oil are mitigated. Most interesting of all is the fact that many studies show that the problems with canola oil are not related to the content of erucic acid, but more with the high levels of omega-3 fatty acids and low levels of saturated fats.

USE OF RAPESEED OIL IN TRADITIONAL DIETS

Rapeseed oil has been used in China, Japan and India for thousands of years. In areas where there is a selenium deficiency, use of rapeseed oil has been associated with a high incidence of fibrotic lesions of the heart, called Keshan's disease.²⁰

The animal studies carried out over the past 20 years suggest that when rapeseed oil is used in impoverished human diets, without adequate saturated fats from ghee, coconut oil or lard, then the deleterious effects are magnified.

In the context of healthy traditional diets that include saturated fats, rapeseed oil—in particular, erucic acid in rapeseed oil—does not pose a problem. In fact, erucic acid is helpful in the treatment of the wasting disease adrenoleukodystrophy and was the magic ingredient in Lorenzo's oil.

High levels of omega-3 fatty acids, present in unprocessed rapeseed oil, don't pose a problem, either, when the diet is high in saturates.

A 1998 study indicates that diets with adequate saturated fats help the body convert omega-3 fatty acids into the long-chain versions EPA and DHA, which is what the body wants to do with most of the 18-carbon omega-3s.²¹

Conversion is reduced by 40 to 50 per cent in diets lacking in saturated fats and high in omega-6 fatty acids from commercial vegetable oils (particularly soybean oil). In the animal studies on canola oil, dietary saturated fats mitigated the harmful effects of omega-3s.

A 1995 *Wall Street Journal* article reported that use of rapeseed oil in cooking was associated with greatly increased rates of lung cancer in the women breathing the fumes.²² Once again, a lack of saturates in the diet may explain the association, because the lungs can't work without adequate saturated fats.²³

In India, rapeseed oil has been used as a cooking oil for thousands of years, but only recently have Indian housewives been cajoled into the belief that saturated butter and ghee should be avoided. Many now use *vanispati*, an imitation ghee made of partially hydrogenated soybean oil.

TRADITIONAL AND MODERN OIL PROCESSING METHODS

Rapeseed has been used as a source of oil since ancient times because it is easily extracted from the seed. Interestingly, the seeds were cooked first before the oil was extracted.

In China and India, rapeseed oil was provided by thousands of peddlers operating

small stone presses that press out the oil at low temperatures. What the merchant then sells to the housewife is absolutely fresh.

Modern oil processing is a different thing entirely. The oil is removed by a combination of high temperature mechanical pressing and solvent extraction. Traces of the solvent (usually hexane) remain in the oil, even after considerable refining.

Like all modern vegetable oils, canola oil goes through the process of caustic refining, bleaching and degumming—all of which involve high temperatures or chemicals of questionable safety. And because canola oil is high in omega-3 fatty acids, which easily become rancid and foul-smelling when subjected to oxygen and high temperatures, it must be deodorised. The standard deodorisation process removes a large portion of the omega-3 fatty acids by turning them into *trans* fatty acids.

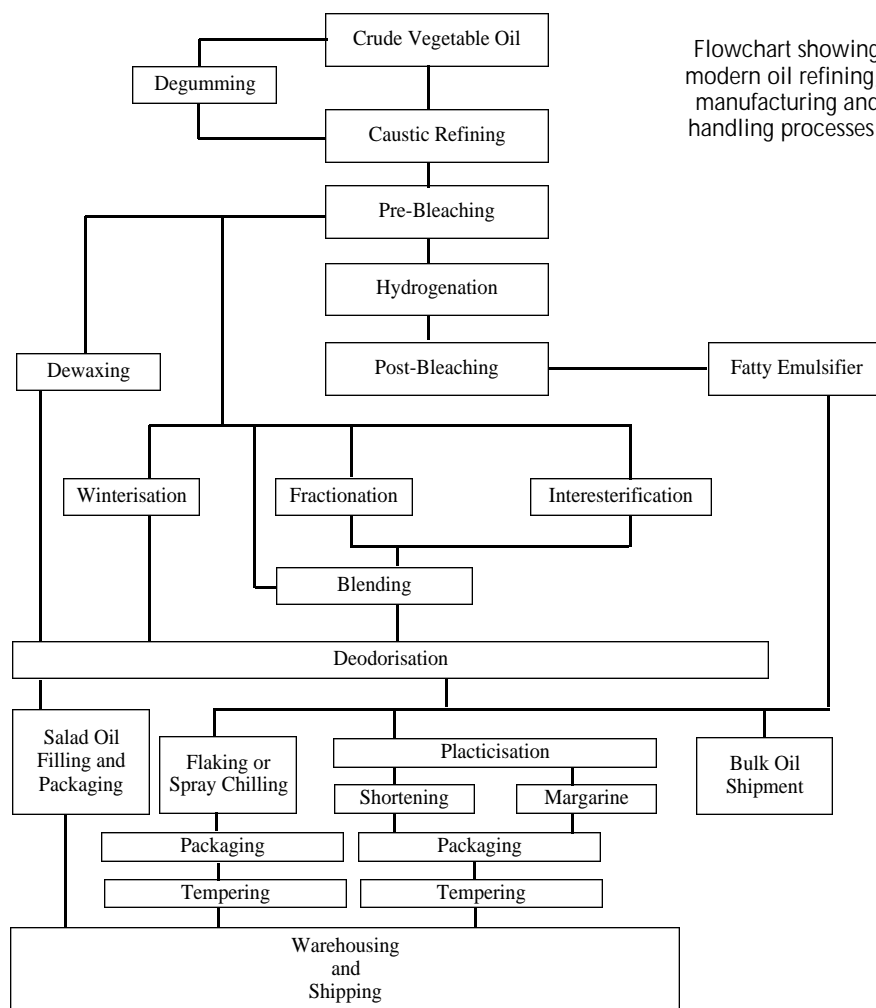
Although the Canadian government lists the *trans* content of canola at a minimal 0.2 per cent, research at the University of Florida at Gainesville found *trans* levels as high as 4.6 per cent in commercial liquid

oil.²⁴ The consumer has no clue about the presence of *trans* fatty acids in canola oil because they are not listed on the label.

A large portion of canola oil used in processed food has been hardened through the hydrogenation process, which introduces levels of *trans* fatty acids into the final product as high as 40 per cent.²⁵ In fact, canola oil hydrogenates beautifully, better than corn oil or soybean oil, because modern hydrogenation methods hydrogenate omega-3 fatty acids preferentially—and canola oil is very high in omega-3s. Higher levels of *trans* mean longer shelf life for processed foods, a crisper texture in cookies and crackers—and more dangers of chronic disease for the consumer.²⁶

THE MYTHS OF MONOUNSATURATES

Consumer acceptance of canola oil represents one in a series of victories for the food processing industry, which has as its goal the replacement of all traditional foods with imitation foods made out of products derived from corn, wheat, soybeans and oilseeds.



Flowchart showing modern oil refining, manufacturing and handling processes.

Canola oil came to the rescue when the promotion of polyunsaturated corn and soybean oils had become more and more untenable. Scientists could endorse canola oil in good conscience because it was a "heart-healthy" oil, low in saturated fat, high in monounsaturates and a good source of omega-3 fatty acids.

But most of the omega-3s in canola oil are transformed into *trans* fats during the deodorisation process; and research continues to prove that the saturates are necessary and highly protective.

At least it can be said that canola oil is a good source of monounsaturated fat—like olive oil—and therefore not harmful... Or is it?

Obviously, monounsaturated fatty acids are not harmful in moderate amounts in the context of a traditional diet, but what about in the context of the modern diet, where the health-conscious community is relying on monounsaturated fats almost exclusively? There are indications that monounsaturated fats in excess and as the major type of fat can be a problem. Overabundance of oleic acid (the type of monounsaturated fatty

acid in olive and canola oil) creates imbalances on the cellular level that can inhibit prostaglandin production.²⁷ In one study, higher monounsaturated fat consumption was associated with an increased risk of breast cancer.²⁸

Even the dogma that monounsaturated fatty acids are good for the heart is at risk. According to a 1998 report, mice fed a diet containing monounsaturated fats were more likely to develop atherosclerosis than mice fed a diet containing saturated fat.²⁹ In fact, the mice fed monounsaturated fats were even more prone to heart disease than those fed polyunsaturated fatty acids.

This means that the type of diet recommended in books like *The Omega Diet*—low in protective saturates, bolstered with high levels of omega-3 fatty acids and relying on monounsaturated fatty acids, whether from olive or canola oil, for the majority of fat calories—may actually contribute to heart disease. Such diets have been presented with great marketing finesse, but we need to recognise them for what they are: payola for the food companies and "con-ola" for the public.

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THE DOTTO RING

A HEALING, AGE-REVERSAL DEVICE

**Dr Gianni Dotto
invented a device
which recreates the
Hunza Valley's
special magnetic
environment that he
believes is
responsible for the
good health and
longevity of the
Hunza people.**

Part 1 of 2

by Dr Gianni Dotto © 1972

(Introduction by unknown author)

From the KeelyNet website at:
[http://www.keelynet.com/
biology/dotto.htm](http://www.keelynet.com/biology/dotto.htm)

Editor's Note: The following article introduces a 1972 paper by Dr Gianni Dotto, but the name of its author and the original date of publication are unknown. Final commentary is provided by Jerry Decker, who has posted the complete text and some diagrams on the KeelyNet website, but this will appear in part two of the extract next issue. Note that several mentions to animal experiments are made in these articles. NEXUS does not agree with the practices of animal experimentation and vivisection, but we also don't want to censor the articles we publish.

Gianni A. Dotto was born in Venice, Italy, the son of a prominent engineer who was the designer of two hydro-electric generating plants on both the American and Canadian sides of Niagara Falls. His father was an Italian Marquis, and Gianni, the eldest son, would have inherited the title had he not become an American citizen. The family is directly descended from Galileo, and the Galileo coat of arms has been adopted for use as the Foundation's [sic] letterhead.

Before World War II, Gianni had received flight training, but Mussolini never did trust the Dotto family—so Gianni was drafted into the Italian Army as a paratrooper. When Italy surrendered, Gianni was able to join the American [Army] Air Force as a fighter pilot in time to participate in numerous engagements against the German Messerschmitts before the war ended.

After the war, Gianni became head of the racing division of Alfa-Romeo and started racing cars of his own design. His racing career ended when his wife Renata served him with an ultimatum to "give up racing". He is a prolific inventor, as he is owner of many Italian patents bearing on the automotive industry and, subsequently, just as many American patents. He is highly educated, holding the Italian equivalent of an American PhD in nuclear physics from Milan University and a degree in mechanical engineering from an Italian technical school. Subsequently, he received a degree in electrical engineering from Wayne University in Detroit, USA.

While Gianni was teaching at Milan University, the medical school requested the services of a physicist to collaborate with the doctors on a research project. This started him on a career as a biophysicist; that is, a physicist who specialises in the area of the science of physics that has bearing on the human body. This embraces an amazingly wide field, as it has to do with magnetic fields, polarity, the various vibrations and pulsations generated by the brain and, of course, the effect of the many facets of nuclear fission on the human body.

It was there that Gianni discovered that magnetic fields induced by an electric coil and by permanent magnets had a small effect on the human body, but that a mild magnetic field created by adjacent hot and cold areas was definitely beneficial. In other words, the thermal imbalance created a magnetic field that matched the natural field of the body.

The development of the "Dotto Ring" was Gianni's practical way of producing a piece of equipment that could impress the beneficial magnetic field on the body. The Ring is 27 inches in diameter, made of heavy copper and has adjacent heated and refrigerated areas. Through the Ring he has reproduced in a compact, accessible form the same magnetic environment responsible for the good health and longevity of the Hunza people.

Visitors to Hunza land always attribute this great advantage to the Hunzas' diet, air and water, but Gianni could not accept this belief because there are many valleys in the Himalaya Mountains where the diet, air and water are similar to that of the Hunza region,

but the inhabitants of these valleys are devoid of the same health and longevity manifestations as in the Hunza Valley.

With the principle of the Dotto Ring in mind, a panoramic view of the Hunza Valley makes Gianni's theory easy to understand. At the head of the valley there is a huge glacier or ice mass and in the valley itself the temperature becomes quite warm, thus creating the thermal imbalance mentioned previously and which is recreated in the principle of the Dotto Ring. When the Hunzas travel across this valley, they receive a beneficial treatment from a mild magnetic field. The similarity of the Dotto Ring to the Hunza Valley is interesting, to say the least.

Gianni has written what he describes as a "simple explanation of just how the Ring works". Simple for a physicist, perhaps, but difficult for a layperson to understand! Consequently, the following preliminary explanation has been outlined for the purpose of clarification.

The nucleus of each cell contains a material known as the DNA, which is an abbreviation for deoxyribonucleic acid. This substance contains the life or genetic code. The presence and function of the DNA had long been suspected by our doctor-scientists and had been presented as a theory, but it was only about seven years ago with the development of the electron microscope that the presence of the DNA was confirmed. Now it can be seen, photographed and sketched.

Imagine a tiny ladder twisted together in a coil fashion until the unit forms a double helix. The DNA is pliable and rubbery and is never still, as it constantly vibrates in resonance with brain signals and even outside influences. The DNA is polarised, one end being plus and the other being minus. A healthy DNA reproduces

healthy cells and aids the body naturally to overcome and eliminate an invasion of bacteria or toxins. This, of course, adds up to good health. When the body lands within the beneficial magnetic field of the Dotto Ring, polarisation of the DNA is oriented properly and resonance is synchronised to that of a healthy cell.

Important animal tests required by the medical authorities have been underway for the past three years, culminating in seven official tests that were conducted under rigidly controlled conditions. The tests were conducted by Professor Gerald L. Willis, Biology

Professor at the University of Dayton, and Dr Robert E. Zipf, PhD. Dr Zipf is owner of a group of biological laboratories and has been Coroner for Montgomery County, Ohio, for 20 years. The room in which the tests were conducted was kept under triple lock so that only Professor Willis had access to the area. Dr Zipf performed the pathology on the test mice.

The mice—six per cage and eight cages per test—were injected with cancer cells. In three tests, C-37 cancer cells were used, and in two other tests, Krib-type carcinoma cells

were used. The most recent tests were conducted on mice that had induced leukaemia. Results have been very good indeed. The untreated mice died in about seven days, while, with a few exceptions, the treated mice survived. When the treated mice were finally sacrificed, they showed no evidence of cancer. These tests, as well as actual experience using the Ring on the human body, prove definitely that there are no side effects.

Gianni Dotto has now had five years of experience in the use of his Ring. For the past two years, the Ring has been in operation in his Bio-Physics Laboratory in Kettering, Ohio. Results have been uniformly good.

Following is the scientific paper prepared by Dr Gianni Dotto.

BACKGROUND ON THE "DOTTO RING" THEORY

Most of the external physical factors which have been implicated in the evolution of life are of an electromagnetic nature. It has now been established that, throughout the reviewable geological period, the biosphere has been a region of electromagnetic fields and radiations of all the frequencies known to us—from slow periodic variations of the Earth's magnetic and electric fields to gamma rays.

It is fundamentally possible on the basis of general considerations that any of the ranges of the electromagnetic spectrum could have played some role in the evolution of life and are involved in the vital processes of organisms. This has already been demonstrated for a considerable region of the spectrum: for electromagnetic radiations in the infrared range (photobiology) and from X-rays (radiobiology).

The situation is different with the vast remaining region of the spectrum, which includes electromagnetic fields (EMFs) of super-high, ultra-high, high, low and infra-low frequencies. Experimental investigations and theoretical considerations suggest that EMFs can have a significant biological action only when their intensity is fairly high, and that such action can be due to only one process: conversion of the electromagnetic energy to heat, or vice-versa.

There is an increasing amount of reliable experimental data which indicates that EMFs can have non-thermal effects and that

When the body lands within the beneficial magnetic field of the Dotto Ring, polarisation of the DNA is oriented properly and resonance is synchronised to that of a healthy cell.

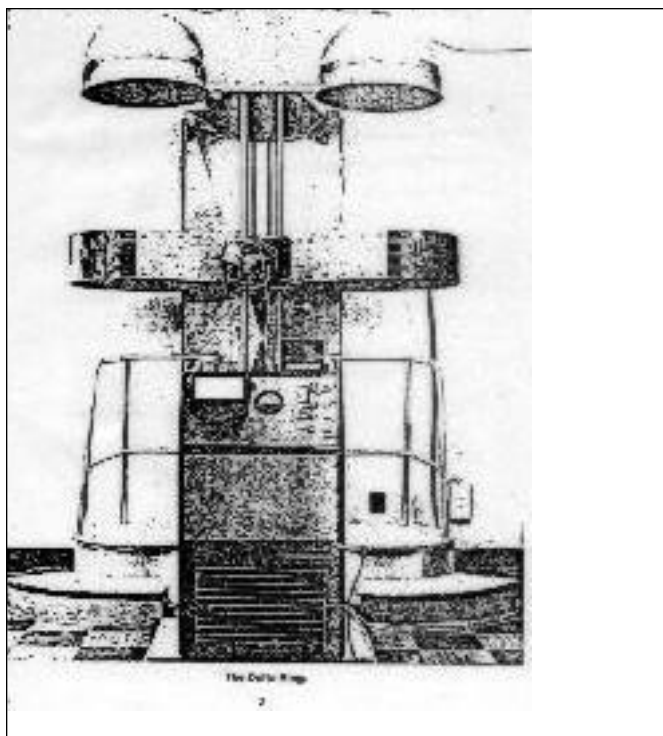


Illustration showing the Dotto Ring device.

living organisms of diverse species, from unicellular organisms to man, are extremely sensitive to EMFs.

Finally, it has been found that very weak, natural EMFs can affect organisms of various species. All this indicates the necessity for a fundamentally new approach to the problem of the biological action of EMFs and for the need to reconsider the question of the possible role of EMFs in the vital activity of organisms (Parin).

It is believed that my work is not the first attempt at such an approach to the problem on the basis of the concept of the informational role of EMFs in the evolution and vital activity of organisms. There are three kinds of "biological activity of EMFs":

- 1) the effect of natural environment EMFs on the regulation of vital processes;
- 2) the role of internal fields in the organisms in the coordination of physiological processes;
- 3) the interaction between organisms by means of EMFs.

It is not sufficient to consider only the energetic aspect of the interaction of EMFs with biological systems, and in a portion of my past investigations I have dealt with the informational functions of these fields in living nature.

I have constructed equipment necessary to conduct my cancer research. A substantial databank of case histories has been accumulated. Not all case histories are well defined, but general results are amazingly good. This is understandable, however, since I am in the process of establishing the first formulation of a new biological problem.

My concept of the informational functions of EMFs in living organisms and the hypothesis expressed in this respect will undoubtedly rouse interest in a wide circle of the medical readers.

The objectives of this research project are to:

- 1) prove that the human body responds favourably when exposed to EMFs;
- 2) establish what type of EMFs are more effective.
- 3) determine the specific frequency of EMFs for different types of disease.

WORKING THEORY OF THE "DOTTO RING"

There are four basic major, but disparate, theories explaining the development of cancerous tissues:

- 1) Virus (theory supported by scientists of Sloan-Kettering, New York);
- 2) Low negative voltage across cancer cell skin (Cone, NASA);

3) Excess of base pairs per turn on the DNA double helix (Dotto);

4) Alteration of the DNA code due to a certain type of virus (Temin).

The first theory would be correct if we are to accept the hypothesis that all the viruses of the four groups responsible for the manufacture of the nuclei (even if similar in size, shape and crystal form) are tuned to a different frequency, according to the location in the human body of different groups of cells. In this case, a virus out of position can create the Temin phenomenon of mixing up the sequence of the DNA code. (If this is the case, the theory that some day immunisation against cancer will be as simple as polio immunisation is unrealistic. The variety of cancer immunisation viruses will be in the numerical magnitude of trillions.)

Theory #2 (Cone, NASA) would be acceptable if we consider a cancerous cell a parasite cell, to some extent.

According to theory #3 (Dotto), the magnetic charge of the genetic code is maintained at the proper level by the electrical property of the double helix, which functions as a common transformer, where the voltage of the primary and the secondary windings is proportional to the number of the coils.

If the DNA double helix of a cancer cell has a lesser number of turns than the DNA double helix of a normal cell, consequently the number of base pairs per turns will be greater. A greater number of base pairs per turn of the double helix and eagerness to complete the outer electron orbiting of the atomic structure of the nucleus leads to a greater capability of reproduction of the DNA.

The second and third theories, then, are similar in principle but explained from a different observer's viewpoint. One explains the result, the other explains the cause.

Theory #4 (Temin) is a consequence of theory #1 (Sloan-Kettering, NY)—however, with an incorrect interpretation of the phenomenon. Due to the tremendous variety of viruses classified in eight distinct groups—four RNA types and four DNA types—there is no way in which to resolve the immunisation capability unless the immunisation factor can be obtained with the natural method described in the second Dotto patent application #42,301, filed June 1, 1970:

"Milk taken from the right breast of a nursing mother is maintained separate from the milk taken from the left breast. On high 'g' centrifuge, viruses are separated from proteins and fats. Immunisation will start with oral or injection methods by using RNA-type viruses from the right breast, and be repeated two months later with DNA-type viruses from the left breast. In the



Dr Gianni Dotto

human breast, there are all the variety of viruses necessary for the immunisation."

Why, then, the electronic reactor (Dotto Ring device) and not chemistry to resolve the problem?

To begin with, in the normal process of life of a healthy body, when a new cell is produced the orbital electron spinning of the new cell assumes a direction opposite to the one of the mother cell in order to maintain the mutual attraction.

When the increasing kinetic electron energy of the new cells overcomes the energy of the mother cell, the orbital electron spinning of the mother cell is forced to change direction and mutual rejection occurs. In the process, the entire energy of the mother cell collapses (in the same fashion as a transformer core) and its energy is absorbed entirely by the new cells.

However, if the energy potential and derived magnetic field in the human body is diminished or unbalanced, the new cell loses the body support to increasing kinetic energy and the dying cell never changes directional electron spinning. The dying cell, then, maintains enough residual energy to be attracted by the newborn cell and becomes its parasite.

The DNA of the new cell now must perform double work: support the new cell

and the parasite cell, with the result that the life-span of the new DNA will be shortened. The oncoming new DNA must now have enough energy to support the dying cell and the parasite cell. Furthermore, it cannot rely any longer on the body's support due to a weak or unbalanced magnetic field.

In a desperate attempt to be liberated of the parasite cell, the DNA sends a message to the enzymes. Most of the time, the enzymes are too busy in the assimilation of the processed food of modern civilisation, with the result that the DNA of the new cell now has to support two parasite cells, and so on... When the combined energy of the parasite cells becomes greater than the energy of the new cell, the new DNA loses control over the RNA in the formation of protein. The RNAs are then formed by the combined genetic code of the DNA of the parasite cells. This will occur when enough or greater genetic code in the summation of the parasite cells overcomes the control of the normal DNA.

The DNA code so completed may have all the information necessary to sustain life, but in the wrong sequential order—and a new, strange life in the life is born. This phenomenon is known as *cancer*. From the above explanation, it is quite obvious that a cell in the dying process must lose its entire energy to be removed by the blood or lymphatic system, otherwise the body must have enough enzyme supply to destroy the cells before they become parasites.

To prevent and control cancer, several methods can be applied.

1) Magnetic intensity, homogeneity and orientation in the human body must always be maintained at the optimum level.

2) Mineral balance and proper distribution are essential. The cell needs copper to convert AC impulses from the nervous system to DC energy; this energy is necessary to maintain the DNA in the proper oscillation frequency. Aluminium and zinc are necessary to maintain the voltage level. Iron is necessary to accumulate inductive energy EMF. The most important elements, magnesium and oxygen, are necessary to ensure the total collapsing effect of the iron when the electron orbital spinning in the nucleus reverses.

In modern civilisation, where the entire environmental surrounding is bound to destroy humanity, the above conditions are

essential for survival. While natural food consumption maintains the proper mineral balance and may maintain the enzyme proportion in the high level, the most important factor is to supply the body with enough energy to maintain the magnetic field as described above. However, we must clarify that we call *magnetic force* any energy capable of attracting or repelling matter.

In reality, there are four different types of magnetic force, each one caused by a different physical phenomenon.

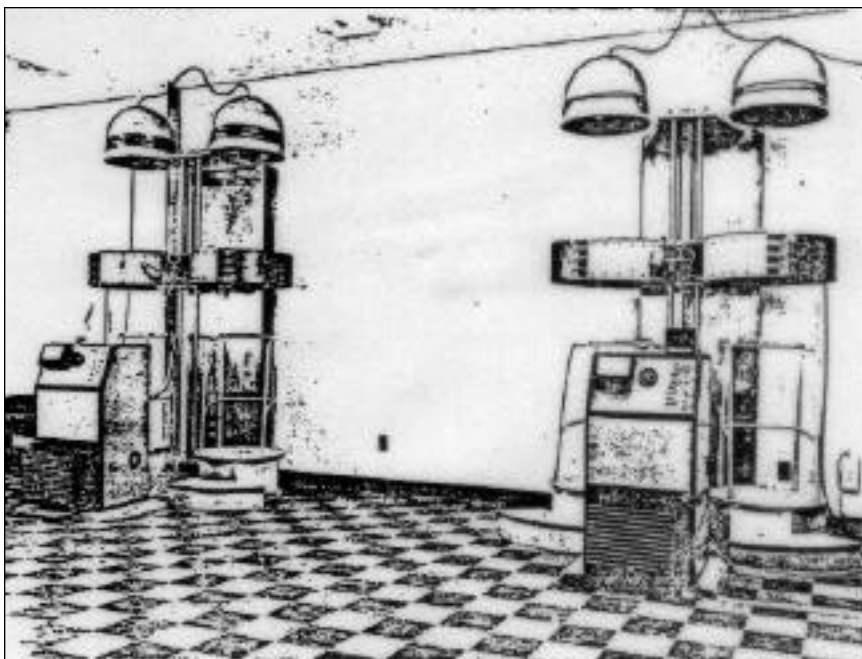


Illustration showing installed Dotto Ring devices.

1 – Permanent magnet

If we try to magnetise a bar of copper we will never succeed because, in the copper, the outer orbit of the electrons increases in kinetic energy without shifting electrons from one orbit to another. The same effect we will obtain if we try to magnetise a bar of nickel.

Now, let's take a copper-nickel alloy, such as alnickel, and expose it to the EMF of a high-inductive coil. The directional spinning of the electrons' orbit in the nickel does not change, but the orbital spinning of the electrons in the copper reverses its direction. Result: any atom of nickel strongly attracts an atom of copper, creating a bipole.

The energy summation of all bipoles combined creates one of the strongest permanent magnets on the market: alnickel V. Every permanent magnet, then, must be composed of at least two different atoms, one of which is willing to change the orbital spinning direction of the electrons. This type of permanent magnet is not recommended for any therapeutic purpose for the human body.

While, in mice tests, this type of permanent magnet seems to be very promising (Barnothy, Pressman *et al.*), the physical working principle is similar to the H-bond's attraction that holds together the DNA. The tumour in the mouse disappears due to the disassembly of the DNA in the affected cell by the demagnetisation effect of the H-bonds. At the same time, the genetic code of the

healthy cell is also altered and the consequences in the following generations could be very undesirable.

2 – Electromagnetic field

This type of magnetic field obeys the third Newtonian law of motion: for every action, there is always an equal and opposite reaction.

If an iron bar is inserted in the centre of an inductive coil, every electron travelling along the coil wire forces one electron in the iron bar to travel in the opposite direction. This type of magnetic field is not recommended for any therapeutic purposes. Indeed, it has been proven to be detrimental even in mice tests.

Electrons flowing along the magnetic coil will shift electrons from one part of the body to another. In this process, RNA-type viruses of negative polarity will be shifted from diseased cells to healthy cells in the same fashion as the electrons.

Furthermore, the shifting of electrons deprives the healthy cells of the energy necessary to support life and will produce severe side effects of dizziness that will last for several days thereafter.

3 – Electrostatic attraction

When we rub a bar of hard rubber or a bar of amber, one acquires electrons in excess and the other loses electrons from the outer shell orbit. Consequently, one will attract particles rich in electrons, the other will attract particles poor of electrons. This type of magnetic attraction is not recommended because one will weaken the energy of normal cells, the other increase the negative potential of the skin of the cancer cell, thus facilitating the growth of the cancer.

4 – Thermomagnetic field

The thermomagnetic field is the product of the Thompson–Peltier effects combined, known in physics as the Seebeck effect.

The thermomagnetic field is responsible for the general gravitational system: heat (sun) attracts cool (planet) and vice versa.

According to Dotto law:

$$F = G \frac{M/M' / \sqrt{1 - \left(\frac{K/Parmu}{K' / Earmu \frac{1}{3} \pi} \right)^2}}{R^2 / \sqrt{1 - \left(\frac{K'}{K} \right)^2}}$$

K = warmest body
 K' = coolest body
 Parmu = 1,00759
 Earmu = 0,00055
 G = 6,66 x 10⁻⁸ cm³ g⁻¹ sec⁻²

The Newton Law of Attraction $F = G \frac{M/M'}{R^2}$

can be applied only between two masses having the same temperature.

This type of magnetic field is the only type of energy proven to be beneficial to animals and humans. Since humans for millions of years have lived in this constant magnetic or gravitational field, the body has become very sensitive to any variation.

• Thompson effect

One end of a copper rod is heated and the other is cooled. If the hot side is heated high enough, it will thermally increase the kinetic energy of the outer orbit electrons to a point where their kinetic energy (1/2 mv²) will be greater than the work function and allow them to discharge into space.

Due to the copper conductivity, the electrons, instead of dissipating into the air, will shift in tremendous quantity toward the cool side in straight lines, following the heat propagation velocity. By reaction, excited electrons from the cool side will travel in the opposite direction at the speed of a particle (1/2 mv²) toward the hot side, encircling the copper rod by gyroscopic phenomenon and following Fleming's rule.

The product is very low voltage (a few millivolts) as a resultant of the electrons travelling in circular motion. But, as in any electrical circuit, the EMF in the copper rod is governed by Ohm's law (E/R = I) and will be in the range of several thousand amperes.

• Peltier effect

In a metal alloy bar (such as constantan, 60% Cu, 40% Ni), one end is heated and the other is maintained cold. When the hot end is heated enough, electrons of nickel and copper atoms become excited. The electrons of nickel force the electrons of copper to reverse orbital spinning (as described in section 1 on the permanent magnet). By centripetal force, electrons from the cool side shift toward the hot side. The hot side becomes negative in

respect to the cold positive side—exactly opposite to the Thompson effect.

Of course, the Thompson and Peltier effects are temporary; they last only until the proportion between the cool and the hot side reaches the electrons' numerical balance.

• Thompson–Peltier effect

Let's now combine the Thompson and Peltier effects together in the thermocouple fashion. In the Thompson effect, the electrons move from the hot side

toward the cold side. In the Peltier effect, the electrons travel from the cold toward the hot side, and back to the hot side of the copper to complete the circuit. The temporary phenomenon of the Thompson–Peltier effect now combined becomes permanent for as long as the temperatures of the hot and cold junction are maintained unbalanced. In physics, this is known as the Seebeck effect.

Let's now reduce the Peltier effect rod to the minimum possible length according to the equation $Con R = Cu Rx \pi i$. The electrons, in the reaction phenomenon described in the Thompson effect, instead of travelling toward the copper hot junction will be attracted by the centripetal force of the electrons spinning in the Peltier effect, and the free electrons in the Peltier effect will be attracted by the hot junction of the Thompson effect.

Furthermore, to obtain a sawtooth effect of a unijunction transistor, a silicon pellet is added between the two cold junctions and the EMF becomes unidirectional, with oscillatory frequency of approximately 1.9 megacycles.

In this condition, 95 per cent of the EMF travelling in linear velocity motion equal to the heat propagation will be accelerated time and time again by the hot side of the Ring, and the resulting kinetic energy in the orbital electron spinning will be so great that the various electron shells will travel on the same orbital plane. As a result, portions of the atom proton energy will be exposed toward the centre of the Ring. The phenomena, then, that occur in

...in the normal process of life, when a new cell is produced, the orbital electron spinning of the new cell assumes a direction opposite to the one of the mother cell in order to maintain the mutual attraction.

Continued on page 82

— THE VEIL IS TEARING — Half of the Universe is Missing!

by Jean-Pierre Petit © 2002
Introduction and translation
by André Dufour

Introduction

As explained and colourfully illustrated by Jean-Pierre Petit in his book *We've Lost Half of the Universe (On a Perdu la Moitié de l'Univers*, published by Albin Michel, 1997), astrophysicists the world over have a problem.

In accordance with the total quantity of observable matter contained in the universe, galaxies should fly open and scatter their stars all over space, so that the sky should appear to us like one of those wallpapers with evenly spread little motifs. This, however, is far from being the case, since enormous "empty" space appears between compact galaxies. One half of the universe seems to be missing, which would be responsible for the confinement of galaxies or clusters of galaxies.

The world's scientific establishment's generally accepted hypothesis is that the empty space is filled with "cold dark matter"—dark being too cold to form visible stars. This hypothesis, however, fails to produce a satisfactory explanation for the observed abnormal deceleration of the two NASA space probes *Pioneer X* and *XI*—especially *Pioneer X*, which has now reached the confines of our solar system.

In the course of a recent symposium in Marseille, France, Jean-Pierre Petit attempted to present another model of a universe. There might be a second universe, made up of "shadow" matter (neither cold nor dark), which would repel ours and would confine all that we see into the interstitial space left between large bubbles of void. Both universes would be interrelated only through gravity—light would not pass—but in opposite directions, the one repulsing the other. And this would explain *Pioneer X*'s behaviour.

Unfortunately, this new model was not as much as considered during the symposium—simply because the announced subject of the meeting related to "dark matter", and anything which diverged from the generally accepted hypothesis was considered beside the point. Even top research scientists are often routine-minded and little prone to call themselves into question.

Space Probes' Abnormal Behaviour

In 1972 and 1973, the United States launched a couple of space probes, *Pioneer X* and *XI*. These objects are important evidence of human adventure, and for several years they have been travelling beyond the confines of the solar system.

Astronomers usually do their surveying with the help of a unit of length which is the mean Earth-to-Sun distance, called an "astronomical unit" (AU). If you wish to compare this to something quite Earthly, it would equal 93,399,750 statute miles. Is this of any help to you? I could as well have written one million or one trillion—you would have taken it for granted. By definition, the Earth is one AU distant from the Sun; Jupiter is at 5.2, Saturn 9.55, Neptune 30 and Pluto 40.

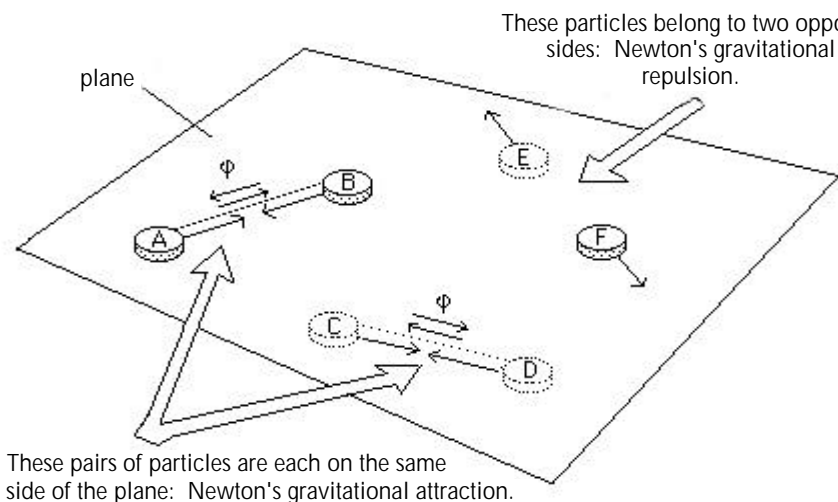
The probes are now at 60 AU from the Sun—in other words, well beyond the limits of the solar system—and they are

careering away at a speed of five kilometres per second (3.1 miles per second). They have been followed ever since they left the Earth. Because they were intended to draw ever farther away from the Sun, there could have been no question of powering them with energy gathered through solar panels. They are therefore both equipped with isotopic generators.

A few years ago, one of the probes ceased emitting; the other one is still sending us feeble signals. But the important fact is that for over 30 years, thanks to the Doppler effect, we have been able to measure their speed with exceptional accuracy.

Do you remember what was done as soon as the first satellites were sent orbiting around the Earth? Using radioelectrical signals, measurements were taken which instantly revealed the speed at which America was shifting away from good old Europe. Wegener would have been pleased. Alas, the inventor of the theory of continental shifting died long ago.

When astronauts set foot on the Moon, what did they do? They set up a mirror on the Moon's surface in order to reflect a laser beam sent from Earth, allowing accurate measurements to be made. The immediate result: it was discovered that the Moon draws away from the Earth at a rate of four centimetres (1.575 inches) per year—this, again, thanks to the Doppler effect and its uncanny accuracy. So don't



be surprised that it has been possible to measure the speed of the probes with such incredible precision at such enormous distances, and that this has been done and recorded year after year with the same accuracy.

The probes have left the solar system on the momentum they have gathered using the "slingshot effect", as they received some energy cruising off Jupiter. The Sun, however, is still exerting its attraction over them, making them slow down very gradually. The energy they had received when they reached the limits of the solar system was nonetheless sufficient to allow them to leave us forever, the slowing down due to the Sun's attraction being very slight.

But astronomers became aware that, strangely, the probes were slowing down too much. The probes showed an abnormal loss of speed of 2.5 centimetres (one inch) per second per year, the accuracy tolerance of this measurement being $\pm 4\%$. If the space probes were abnormally slowing down, this had to be due to a force acting upon them which had so far not been reckoned with.

Research was led in all directions. Could it have been some effect of one or other of the planets in the solar system? Immediately rejected. Some braking effect linked with the interplanetary environment? Nor could this be accepted.

Astrophysicists then wondered whether our solar system might include some ingredient which escaped observation—a "hidden mass", which today is called "dark matter". This mysterious matter could not be strewn in any haphazard way; it had to take into account one reliable observation: the probes' deceleration had remained practically constant since they had passed the orbit of Pluto, at a distance of 40 AU, i.e., 40 times the Sun–Earth distance.

Whatever the theoretical argument, this data implied that the amount of dark matter—if such were indeed the cause of the deceleration—contained in the solar system should exceed one ten-thousandth part of the mass of the Sun. This seems very little. But our planetary system functions like a Swiss watch.

For instance, do you realise that we know the position of a planet, such as the Earth, at any instant to within about 66 feet? This is thanks to data gathered from all the satellites which have been launched over many years.

Formerly, astronomers working at the Bureau des Longitudes (the French centre of calculation and publisher of an ephemeris) computed the position of heavenly bodies by hand. Today, this is done by NASA with the help of powerful computers.

As a result, we know that the total mass present in the solar system could not exceed one millionth of that of the Sun, because otherwise this would give rise to predictions which would disagree with observations, hence with the ephemeris. Eclipses, star occultations, etc. would miss their appointed occurrence. Therefore, the dark matter, this *deus ex machina* of modern times, cannot be called upon to explain the deceleration.

By no means discouraged, our theoreticians then considered one ultimate move:

**The universe has a
"reverse side",
a kind of invisible
double.**

to tamper with Newton's law of gravitation and add to it one corrective term.

Classically, two bodies attract each other with a force varying as the product of their masses and inversely as the square of the distance between them. Empirically, the idea was to add one term, small enough to justify the fact that it had hitherto not been detected by observation, but sufficient to allow for an explanation of the effects on the space probes.

Unfortunately, some spoilsport immediately suggested recomputing the orbits of our familiar planets, Mars, Venus or simply the Earth, with this "revised" Newton's law. But remember: the position of the planets is known precisely to within less than 70 feet—and that is where everything went wrong.

One commentator, in an article in a 1998 issue of *Physical Review*, wrote: "Newton's law ceased to be universal; it acted differently according to whether it was applied to a small space probe, an asteroid or a planet."

A Double Universe Model

Why am I telling you this story? Because, for a quarter of a century, I have been working on a model of the universe, which was initially proposed by Andrei Sakharov, in which the cosmos is double. I have written a book on this, entitled *On a Perdu la Moitié de l'Univers (We've Lost Half of the Universe)*.

What would a double universe look like? Specialists in general relativity will tell you they like considering the universe as a "hyperplane" which could possess a curvature, variable from place to place. Simply imagine that this hyperplane has a right side and a reverse side. When you look at one side of a surface, you can immediately visualise the adjacent location on the other side. Therefore you can imagine how two groups of objects, located on opposite sides, could interact without coming into contact with or even in sight of each other.

Imagine such a plane and, on one side, magnets which can be moved about. These interact with each other, but they can also interact with invisible magnets placed on the opposite side of the plane. The "twin matter" is thus represented by the magnets on the reverse side of the universe. We cannot see it. No particle of matter can collide with a particle of "twin matter", simply because the particles from one side do not communicate with those of the other side, be it through electromagnetic force, strong interaction or weak interaction. What then have we left? Gravitation.

I have worked for more than 20 years on this. The more concerned reader will find plenty of information of various levels on my website, <http://www.jp-petit.com>. Many pages illustrate this matter with considerable effort in popularisation.

In June 2001, at an international astrophysics congress in Marseille, entitled "Where is the Matter?", I presented this research. The full text of my paper can also be found on my website at http://www.jp-petit.com/science/colloque2001/Colloque_2001_1.htm.

It is hardly possible, here, to go into the details of this model. Any concept of the universe we might develop must be expressed through a model which will allow processes to be deciphered. Up to now, our only concept and therefore model of the universe has been that of a "mono-universe". As long as we remain within

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distances of such small scale as that of the solar system, we are in a "non-relativist" configuration; the space curvature is extremely feeble and the expansion of the universe insignificant. In these conditions, Einstein's equation boils down to a Newtonian dynamic.

However, the measurements applied to the probes reveal that something is going wrong. Everything, I tell you, has been looked up, and yet, up to now, research has only concluded that we are in the presence of an "unmodelled acceleration"—in other words, the observed deceleration does not fit into the present model. This is not just a minor problem; it is one of the most important problems we are up against today and it cannot be ignored. To find a flaw in Newton's law is by no means trivial.

So, what am I suggesting? The universe has a "reverse side", a kind of invisible double. Filled with what? With "twin matter" similar to ours. The duality of "matter-antimatter" exists also in that universe, our twin. And particles in that other universe also attract each other according to Newton's law. I said that both universes interacted only through gravitation; but matter and twin matter repel each other, obeying a law which might be called "anti-Newton". This entails a number of consequences, which are described in *On a Perdu la Moitié de l'Univers*. It also throws some light on the space probes' behaviour.

If matter and twin matter repel each other, they must share the available space, and this is then the case for the whole universe at any scale, as we shall see further on. This means that between the stars, our Sun being one such, there is twin matter in a very rarefied state. The density is feeble, but the temperature is very high—over 160,000°C.

And here we have a real model with beautiful, predictive equations. Here we no longer satisfy ourselves with appearances, with tailor-made computer modellings such as those produced by a couple of researchers at the observatory where I work. They are both already going grey and have been tinkling away on their machines for the last 20 years with little or no result. They sprinkle "halos of dark matter" over our galaxies in an attempt empirically to take into account increasingly accurate incoming observational data. In the beginning, people said, "When

our machines are more powerful, then..." But when there is a shortage of ideas, computers do nothing but a constant, dismal patch-up; they do not compensate for a lack of epic inspiration.

A Disappointing Symposium

Last June [2001], I attended an international scientific symposium. One Italian astronomer showed us the latest large-scale image of the structure of the universe.

As everyone knows, observations are progressing rapidly. Well done, astronomers! Not so long ago, we had the five-metre Mount Palomar telescope. Today, the Keck is double that size and there are 8.5-metre telescopes galore. In Hawaii, the French and Canadians have set up something splendid: the eyes of the world. Adaptive optics is the key to this technological breakthrough.

Formerly, mirrors had to be hewed and polished, which took years; their shape depended on their rigidity, hence their considerable weight. Grandpa's mirrors were compartmentalised structures which had to be cooled down slowly to avoid splitting, and polished many years until they were accurate to within a micron—and the result could be a success or a failure. In Zelentchouk, the Russians carved a six-metre one—alas, rather a failure.

Today, large mirrors are equipped with micro-jacks and they function like your eye. The shape of the crystalline lens of the eye is constantly adapted by a complex set of muscles. They are monitored by the retina until, by trial and error, the image is clear. The new telescopes are also adaptable and can be gauged on a reference target.

And, by the way, who do you think funded this? (Astronomers aren't talkative on this issue.) The military, as usual—main-

spring of scientific "progress" (for "Star Wars" beam weapons). Mirrors of 100 metres in diameter are already in the blue-print stage; they will "see" 20 times farther than the Palomar telescope can. In short, we shall look the confines of the cosmos straight in the eye with a magnifying glass, which implies looking into its remotest past, because looking far equals looking "ancient". However, the explosively expanding technology does not always imply an equal expansion of grey matter.

At the symposium, the wonderful pictures of the large-scale structure of the universe displayed by the Italian revealed empty spaces. There is constant evidence that galaxies cluster around void bubbles of about 100 million light years in diameter. But computer simulations, though based on cold dark matter, produce strands, like a kind of spider's web.

I said, "Dear colleague, aren't you troubled by the fact that the result of simulations doesn't seem to match observations?"

Silence.

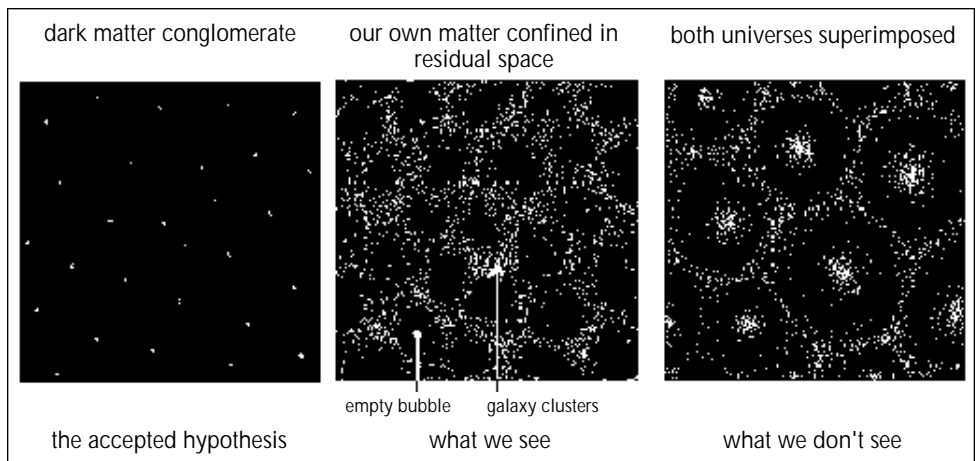
Yet, simulations we have been conducting since 1993 match perfectly with the empty bubbles structure; and besides, this structure appears to remain stable over about 10 billion years.

But this is not the current fashion. People can accept "dark matter", but "another universe" seems too complicated for today's theoreticians.

During the symposium, an American woman showed attempts to simulate proto-galaxies—as usual, of course, on a "dark matter" basis. Unfortunately, these galaxies would not rotate.

One of the participants remarked: "We seem to have another problem here."

The American had simply forgotten that galaxies were probably formed at a time



when the universe was so young (100 million years) that it was "smaller". The distances between galaxies were 28 times shorter; they were nearly in contact. It was a collisional system, and frequent collisions produced whirling. Today there are still "interacting galaxies", but it is a rarer phenomenon. The cosmos has expanded. But the American admitted she knew nothing about cosmology. She had no original ideas; she relied on her computer.

Dark matter is nowadays the accepted answer to all problems: the confinement of galaxies and the governing factor in their formation. And even though it doesn't seem to work very well, it is also supposed to explain the large-scale structure of the universe. Dark matter is also presumed responsible for the strong gravitational lens effects which have been observed. And here we have a fact: multiple images of galaxies which have been observed in the background, behind clusters of galaxies, could not have been formed by the latter, whose mass is 10 to 100 times too small. So astrophysicists take it as unquestionable evidence of the existence of dark matter.

French journalist Augereau had an article published in the March 17, 2000 issue of *Le Monde*, running with the headline: "Dark matter exists, since it deviates light rays". With it was shown a colour picture, meant to be a scientific scoop, of a 3D topography of this dark matter obtained by decoding the "weak lensing" effects, which produced deformed images of galaxies. Meillier and Fort, both of the Paris Astrophysics Institute, were the authors of this map. But a year later, in an interview for the magazine *Ciel et Espace*, Fort conceded to some embarrassment.

The map-making method had apparently revealed the existence of two extremely massive objects equivalent to several thousands of galaxies (comparable to the largest known cluster of galaxies, the Coma cluster). Yet, from that region, nothing was visible, absolutely nothing: not visible light, not infrared, not X-rays (clusters are powerful X-ray sources).

As a conclusion, Fort questioned: "...could it be 'dark clusters' exclusively made up of 'exotic matter'?" A magic matter, producing a gravitational lens effect that would therefore behave as positive mass, though without allowing ordinary matter to exist therein.

In June [2001], Meillier admitted the discovery of a third such cluster. He had only just asserted his confidence in the

reliability of his map-making method when, confronted with the problem, he mumbled: "I don't believe in these dark clusters."

I returned very perplexed from the symposium.

Twin Matter or Photon Interactions?

But let us come back to the space probes. Consider the situation: for the first time, because of the "Swiss watch" mechanical precision of the solar system, the *deus ex machina* of contemporary astrophysics (dark matter) doesn't work. Another explanation must be found.

In my model, twin matter infiltrates everywhere where there is no ordinary matter (and vice-versa, since they repel each other), and it can be deduced that a quantity of twin matter equal to 0.0000000001 grams per cubic centimetre should exist between the stars. The Sun (and neighbouring stars) should repel this twin matter to a certain distance.

My calculations show that the Sun should repel twin matter outside a "bubble" whose radius is close to the distance from the Sun to Jupiter. Beyond this, the probes would be struggling against the repulsion due to this environment. In their present position, this force should be as near as constant, which is confirmed by observation.

My friend and colleague Norman Molhant (a Canadian) and I are at present working on data referring to distances between 5 and 30 AU beyond the orbit of Jupiter. Nearer to this, data cannot be exploited because radiation pressure screens the signal (the probes, with their huge dish-shaped antennas, are very sensitive). By developing this data (which, notwithstanding the fact that the "dark matter" option leads nowhere, no one has done up to now), we should be able to refine our model in order to be able to make predictions about this force for distances closer to the Sun (it takes two years to reach Mars and five to reach Jupiter).

In order to avoid radiation pressure due to the Sun's nearness from interfering with measurements, one could, for instance, position mirrors on massive objects, such as one of the satellites of Mars, and make reflected laser beam measurements. Then, when the orbiting satellite is on a course away from the Sun, a slight deceleration should be noted; and the opposite when on a course towards the Sun.

In this research, we have two competitors: the Australians, Foot and

Volkas (*Physical Review*, June 2001). Their hobby-horse is a "mirror universe", but it contains positive mass. Thus, even supposing our universe should contain "mirror matter" equally as invisible as our "twin matter", we would still sit with the problem of compatibility with ephemeris predictions. So Foot and Volkas evoke a "photon-photon interaction" and describe a friction-like action, a sort of drag affecting the probes in this invisible environment. Why not? If ever the above-mentioned mirrors are installed, we shall instantly know who is right. If they are, the drag will at all times be opposite to the satellite's course, whether it be nearing the Sun or drawing away from it. If such is not the case, then only our model will remain in contention.

If any breakthrough is to be obtained in the realm of cosmology, it could very likely be thanks to local observations—as has been the case since 1917 with general relativity—for example, the gain of Mercury's perihelion and the diversion of light rays near the Sun, observed during a coronal eclipse.

About the Author:

Jean-Pierre Petit was born in 1937. He graduated from the Ecole Nationale Supérieure de l'Aéronautique in Paris in 1961. He began his career at the CNRS (Centre National de Recherche Scientifique) in 1965. He presented a doctoral thesis in 1972. Assigned to the Institute for Fluid Mechanics in Marseille, he conducted theoretical and experimental research on MHD (magnetohydrodynamics). In 1967, a "bitemperature" generator was successfully tested and plasma acceleration was obtained in an MHD nozzle at exhaust speeds of up to 8 km/s, with annihilation of Velikhov's instability (the key to present military MHD applications). He is currently a Director of Research for the CNRS at the Astrophysics Laboratory in Marseille.

Dr Petit has written 30 books, three of them relating to the UFO problem (*Investigation on UFOs*, *Investigation on ETs who are Already Among Us*, *The Ummite Mystery*, published by Albin Michel). Other titles include *The Devil's Children*, on the relationship between scientists and the military, and *We've Lost Half of the Universe*, which has bearing on research in astrophysics and cosmology. He has also written 19 science popularisation cartoons which have been translated into eight languages.

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THE CHANDLER WOBBLE

A Primary Cause of Earthquakes, Volcanism and El Niño

The constant changing of the poles as the Earth wobbles back and forth slightly in 14-month and 6.5-year cycles is the cause of major seismic and volcanic activity, the El Niño oscillation and the global warming phenomenon.

**by Michael Wells Mandeville
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EIGHT CHARTS WHICH PROVE THAT THE CHANDLER WOBBLE CAUSES EARTHQUAKES, VOLCANISM, EL NIÑO AND GLOBAL WARMING

The following eight graphs directly correlate and demonstrate that most major tectonic activity including earthquakes as well as volcanism, the El Niño oscillation and the global warming phenomenon are caused by the changing location of the poles as the Earth wobbles back and forth slightly in what is called the *Chandler wobble*. The name for these correlations is *vortex tectonics*.

The exact location of the north and south poles of the Earth's spin axis are constantly changing while the Earth's crust wobbles slightly around and over the poles in the 14-month and 6.5-year cycles of the Chandler wobble. The eight graphs in this storyboard demonstrate that peaks of seismic and volcanic activity come and go in accordance with these rhythms of the Chandler wobble to produce the El Niño oscillation.

The graphs also prove that the total amount of this activity has progressively increased during the last 50 years, while the centre of the Chandler wobble has slowly drifted towards the Great Lakes. It is highly likely that this increase in global volcanism is the cause of global warming.

1. Anomalous Forty+ Year Acceleration of Earthquake and Volcanic Activity

We begin with two graphs which directly and elegantly confirm the validity of Edgar Cayce's remarkable 1930s predictions that long-range geological changes would occur after 1958 and begin to accelerate in 1998. In an effort to prove or disprove certain comments and predictions made by Cayce, this author undertook a study of the Earth's patterns of tectonic activity during the 20th century.

Since the only data which permitted an examination of the behaviour of the entire Earth were the records of earthquakes and volcanic eruptions, these records were compiled by the author into databases from which two primary summary charts, "Chart 101: Worldwide Trend in Seismic Activity" and "Chart 102: Worldwide Trend in Volcanism" were prepared. Both charts show a dramatic major increase in such activity in a steady, progressive upward trend over a period of at least 40 years. The increase in earthquake and volcanic activity easily seems to be at least fourfold.

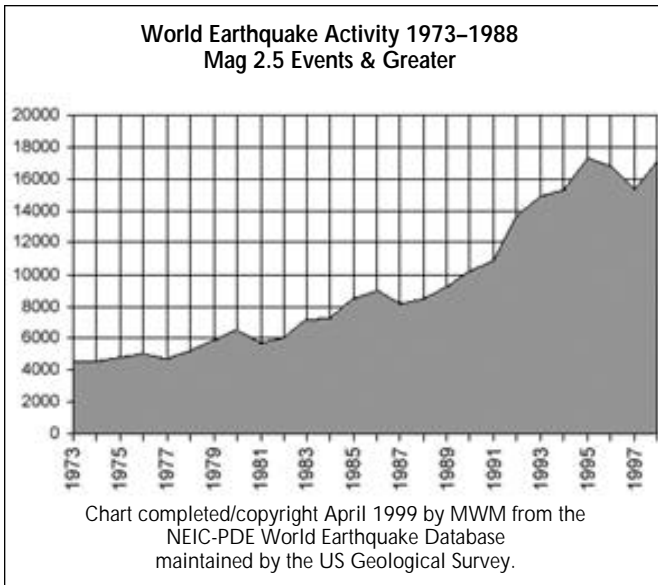
2. Amazing Correlations of the Position and Motions of the Pole with Volcanic and Earthquake Activity

Cayce claimed in the early 1930s that "cosmic forces" in the solar system created earthquake and volcanic activity. After surveying the geophysics of what might be involved, Mandeville concluded that the likely suspects were the Sun and the Moon, since these were known to produce the Chandler wobble.

The Chandler wobble is a constant bobbing of the Earth as it spirals around in a small circle which takes 14 months to complete. The circling motion varies between about three metres and 15 metres in a spiral which takes 6.5 years on the average.

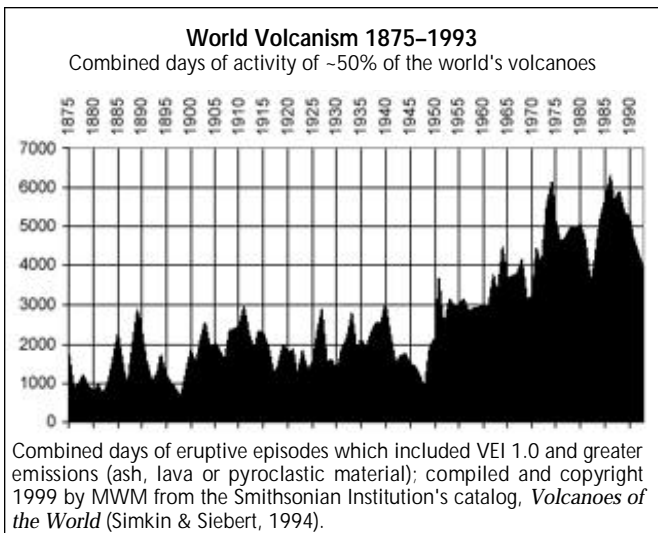
To measure the effect of the Sun and the Moon on earthquake activity, Mandeville first plotted the position of the pole along the X Axis (Greenwich meridian) as the Earth wobbled through its 6.5-year cycle. This created a 6.5-year waveform (called the X Wave in the Primary Axis Cycle). This waveform can then be integrated into charts of annual earthquake and volcanic activity in various regions of the world.

Nearly everywhere, Mandeville found obvious correlations between the position and motion of the pole with increases and decreases in earthquake and volcanic activity.



• **Chart 101: Worldwide Trend in Seismic Activity**

This chart was carefully constructed to provide a consistent data series since 1973 which is statistically valid. It clearly reveals that worldwide seismic activity, defined in this chart as the number of earthquakes of magnitude 2.5 and over, has increased by a fourfold factor.



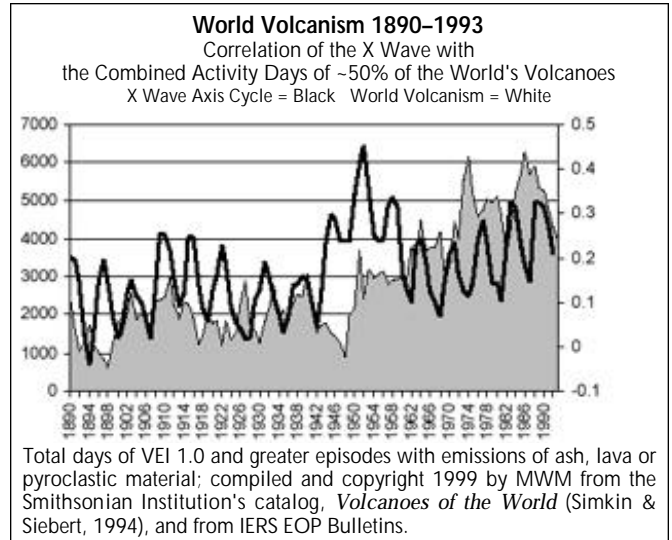
• **Chart 102: Worldwide Trend in Volcanic Activity**

As with chart 101, this chart of world volcanism for the past 125 years was carefully constructed to provide a consistent data series which is statistically valid. Despite the numbers being biased to diminish the likelihood of a trend being seen, chart 102 clearly reveals that worldwide volcanic activity has increased by a fourfold factor.

Since some of the world's most active volcanic zones were excluded from the sample (generally because they are too remote and were not monitored well for most of the century), this graph likely understates the increase in volcanic activity.

Since 1992, which is the cut-off year for this chart, volcanic activity in the volcanoes of this sample has increased to over 15,000 activity days per year and seems to have reached a peak in 1998—the year which Cayce had mentioned some 60 years earlier as when acceleration of the Earth's global activity would begin.

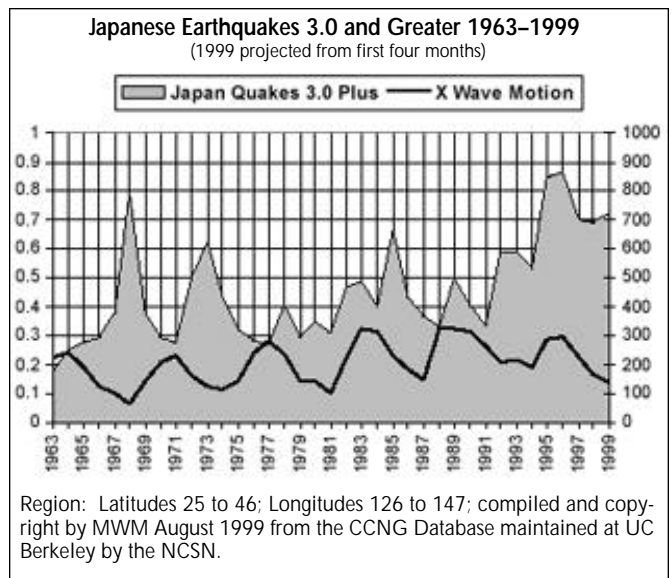
These correlations are sufficiently consistent to conclude that it is the stresses in the Earth's crust which are directly induced by the Chandler wobble, along with additional stresses induced by the Sun and the Moon in various syzygy alignments (as found by many researchers throughout the years), which create the Earth's earthquakes and volcanic activity. This fact, in principle, makes possible the prediction of the most probable "windows" for major seismic activity for any area.



• **Chart 103: Tempo and Rhythm in World Volcanism compared with the X Wave, 1890-1993**

Quite clearly, the rhythm of worldwide volcanic activity directly reflects the tempo of the 6.5-year X Wave.

This same direct correlation can be seen when just the activity in major arcs and groups of volcanoes is charted.



• **Chart 104: Tempo and Rhythm in Japanese Earthquakes compared with the X Wave, 1963-1999**

The same patterns of correlation with the highs and lows of the X Wave also can be seen with earthquakes in every area and window of time.

As can be seen above, seismic activity in Japan tends to peak radically when the X Wave is low every 6.5 years.

Given the immense size of the body of the Earth, the lag times which are probably at work, the great diversity in the type and layering of the outer strata of the Earth and the constantly varying nature of the cycles of the EMS (Earth-Moon-Sun) system, one should not and indeed cannot, as one looks at the evidence, find ultra-simple correlation. But one can find, consistently, fairly clear and reasonably strong patterns of correlation which are easily seen without fancy statistical manipulation and despite any fancy statistical punditry of denial.

• **Chart 105: Tempo and Rhythm in California Earthquakes compared with the X Wave, 1992**

After establishing that Japan's extremely active tectonic environment is highly reflective of the motions of the Earth's crust as it bobs over and around the spin axis, Mandeville decided to zero in on a much smaller time-frame with a much smaller number of earthquakes to see if the same "connection" with the position and location of the pole could be found. Because of the highly accurate and complete record of earthquakes for California, the author studied the outbreak of earthquakes in southern California during 1992 (a year during which the X Wave was low).

Chart 105 zeroes in to find more exactly what the relationship is between southern California's quakes and the motion of the Earth's crust over the spin axis. Normally, the southern California area experiences some 10 to 20 events per week (magnitude 3.0 or more), but most of these are so deep that they are not felt on the surface—and thus do not appear in the news media. In May and June 1992, while the X Motion was at a low, southern California began to experience swarms of up to 100 earthquakes per day.

Chart 105 shows how precisely this activity can be connected to the motion and position of the pole. Notice that when the X Wave is at its very lowest, there is virtually no seismic activity in southern California.

Almost all of the activity in the graph broke out when the position of the pole passed through a certain zone of numbers just prior to reaching the low point or just after it. When the position of the pole began to rise up, back through the same zone of numbers, another outbreak occurred. A similar chart for 1998 shows the same pattern.

• **Chart 106: Tempo and Rhythm of Volcanism in Fiji with the X Wave, 1875-1993**

Since the patterns of correlation were so clear for small samples of earthquakes, the author began to draw charts to compare the activity of small numbers of volcanoes in regional zones with the X Wave.

Since the spreading rift zone of the Fiji-Papua Tectonic Arc is considered by many geologists to be the most active tectonic zone on the surface of the Earth, chart 106 was prepared so as to compare its activity with the X Wave.

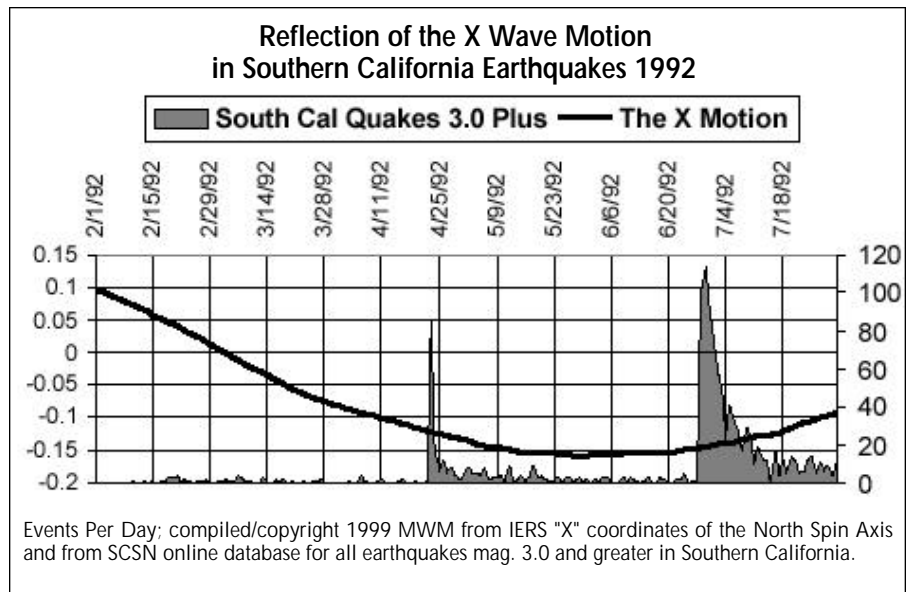
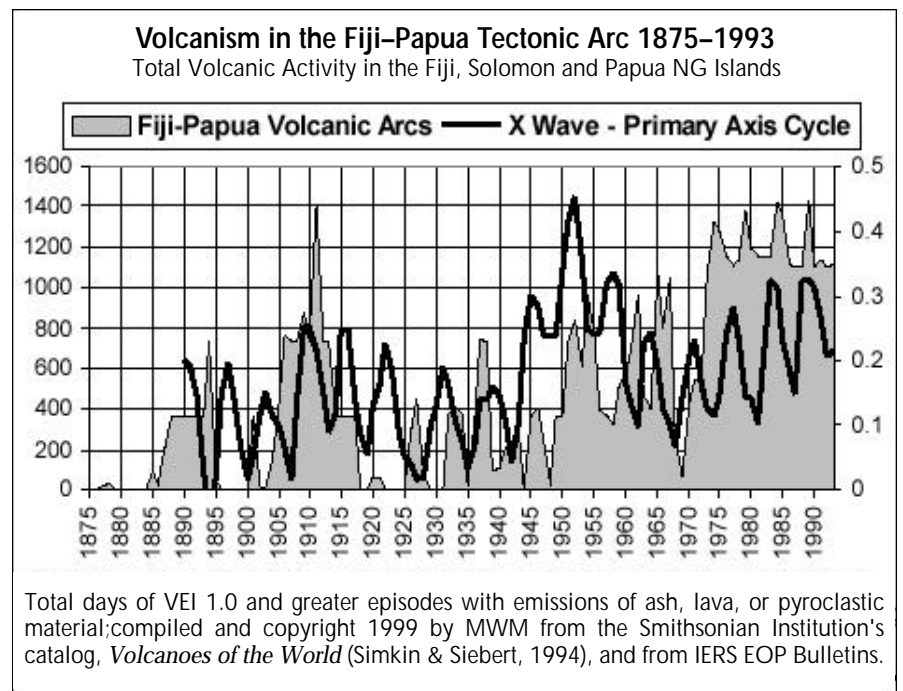


Chart 106 may demonstrate one of the most conclusive pieces of evidence about vortex tectonics. The reflection of the X Wave in the peaks of volcanic activity for the vast arc of South Pacific Islands within the Fiji-Papua Tectonic Arc is in nearly perfect rhythm for a substantial portion of the 20th century. This huge arc of volcanic islands begins in the Tonga Islands, passes through the Fiji Islands and continues westerly to parallel the northern coast of Australia and eventually join with Papua New Guinea on its northern side. The arc is created by the collision of the Australian Plate with the Pacific Ocean Bottom Tectonic Plate, which Australia is overriding.

Amazingly, the frequency of peaks in volcanic activity for this great arc of volcanoes is even more obviously correlated to the X Wave than is the composite of all volcanoes. The pattern of volcanic activity is so similar to the undulations of the X Wave that it appears that sharp pulsations in volcanic activity are directly induced by the wobbling motion of the Earth's crust, just as



apparently major peaks of seismic activity are created in Japan and southern California. No simple, exact relationship in timing exists as with the earthquake correlation, thus the exact connection is somewhat more obscure, but it is impossible to suppose that the similar tempo of the two phenomena are not connected. They are definitely playing the same song on the same sheet of music.

Chart 106 also shows the same trend of increase in volcanic activity as does the composite chart for world volcanism. In fact, the increase is rather dramatic, rising to a high level of activity after 1970. Since 1992, the cut-off date for chart 106, regional volcanic activity in the Fiji–Papua Tectonic Arc has maintained the same high level.

Has underwater volcanism increased as well? Unfortunately, underwater volcanoes are not monitored in a consistent fashion, thus no data series can be created to measure underwater volcanism accurately. This is a severe scientific handicap, because the increase in underwater volcanism is most likely the cause of the global warming phenomenon.

The steady increase in volcanism commenced in the latter half of the 1960s and has continued to climb since then. It is currently at levels at least twice as high as shown in chart 102, while the Arctic summer ice melted for the first time in recorded history. Concern about global warming appeared in the 1970s, and this concern has increased after several years of a major acceleration of volcanic activity to all-time record levels in 2000 and 2001, with much arm-waving about the melting Arctic ice pack.

Scientists debate about whether global warming is occurring, and cannot explain how it is created. Climate specialists cannot find a "theory of climate" to explain or prove it. Some data seem to prove that the ground is heating up, but not the atmosphere. Accordingly, some claim that humans are not to blame, and perhaps cosmic factors are.

Isn't it reasonable to suppose that these are all connected in the same truth? It is highly likely that *all* of the hot air, as it were, as well as the water are connected, as these charts demonstrate, directly to the ground underfoot which is ceaselessly moving at a more rapid rate. Isn't it most likely that underwater volcanism and heat venting has also increased by a large amount, and that this increase in heat venting is causing the heating of the oceans and the various symptoms of global warming in the weather and the biosphere?

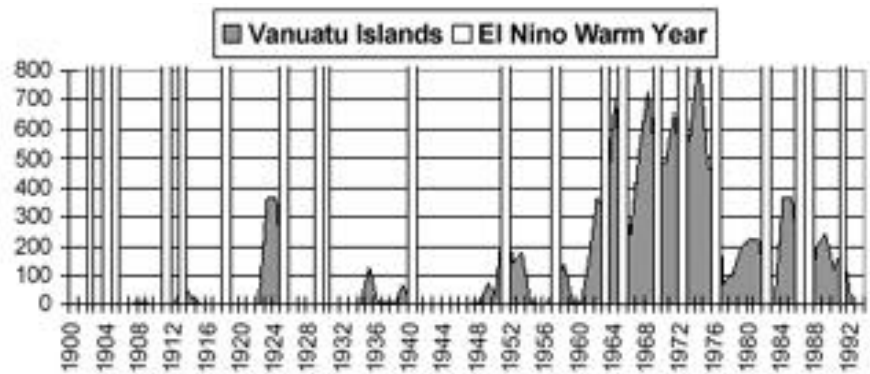
3. The Revolutionary X Wave Correlation with El Niño

To add to the complexity of the Fiji–Papua Tectonic Arc, the great Pacific Ocean Rift is spreading very rapidly in the area of the South Pacific Islands of Vanuatu, which is to the west of the Fiji and Tonga Islands and is somewhat north of New Zealand. This spreading rift zone is *the* most active tectonic zone on the Earth. And just a little more to the north of this area, along the equator, the El Niño warm water oscillation forms every few years...

Since there is such a strong, close reflection of the X Wave in this tectonic zone, how can one avoid wondering if there could be any correlation between El Niño and the motions of the Earth's crust?

Two final charts, 107 and 108, demonstrate that the great rifts on the ocean bottom in the South Pacific are the birthing grounds

Underwater Volcanism Creates El Niño
Correlation of Active Days of Volcanism in the Vanuatu Islands with El Niño 1900–1993



Combined Activity Days of Vanuatu's volcanoes; compiled and copyright 1999 by MWM from the Smithsonian Institution's catalog, *Volcanoes of the World* (Simkin & Siebert, 1994), and from NOAA tables of the warm phase of El Niño.

of El Niño, and that collectively the spreading rifts and hot water plumes which rise from them in many places around the Earth must be the birthing grounds of the present regime of global warming.

• Chart 107: Correlations of Volcanic Activity with El Niño Years

Chart 107 plots the El Niño years along with the active volcano days for the Vanuatu Islands, which are about as close to the great spreading rift zone in this part of the Pacific as one can get while still standing on solid ground.

Once again, an uncanny correlation in phasing appears. Volcanic activity increases for a couple of years, and El Niño starts. If El Niño is caused by heat released by underwater volcanoes on the Pacific Ocean bottom, exactly this sort of pattern should be observable somewhere. How convenient that the pattern of connection shows as close as you can get to the most active tectonic zone on the bottom of the Pacific Ocean, in the location which is closest to where the warm water begins to accumulate along the equator to produce El Niño. How conveniently random!

The activity of many other volcanic groups in the West Pacific can be plotted and compared with the El Niño years. They all show some of the same connectivity in timing.

• Chart 108: Correlations of the X Wave with El Niño

Since volcanic activity in the South Pacific seems correlated at least to some degree with the El Niño years, it is logical to suspect that underwater volcanism could be the source of the increase in the temperatures of the mid-Pacific which is known to cause El Niño.

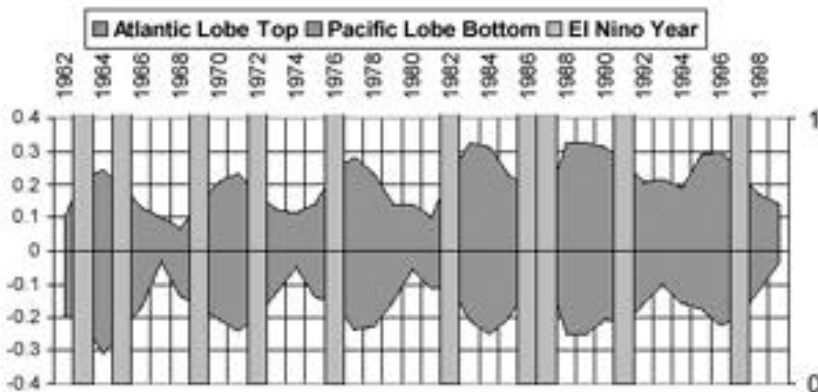
Unfortunately, underwater volcanism is not very well monitored, especially in that part of the world. Consequently, no direct evidence can be found which specifically links the heat vents in the Pacific Ocean bottom with the El Niño.

Nonetheless, these nearby island volcanoes on Vanuatu and Fiji are pretty good smoking guns. The close connection in the pattern between Vanuatu's volcanism and the El Niño years strongly implies that a direct pattern of connection between El Niño years and the X Wave of the Chandler wobble should be seen.

Accordingly, chart 108 was drawn up to plot the El Niño years over the X Wave. In this chart, the full size of the wobble (the

The X Wave in the 7-Year Primary Axis Cycle 1962–1999

The tectonic energy in these lobes drives earthquakes, volcanoes, the motions of the crust of the Earth and indirectly creates the El Niño weather phenomenon.



Measurements are in arc seconds; plot of the highest and lowest annual positions of the "X" position of the North Spin Axis up and down the Greenwich meridian; compiled/copyright 1999 by MWM from IERS EOP Bulletins (International Earth Rotation Service).

highest and lowest points on the Greenwich meridian) can be seen for each year as it spirals over and up and down the Greenwich meridian. Each El Niño year is plotted in a lighter grey.

The simplicity and clarity of the pattern which is revealed is astounding. Doubtless, the El Niño phenomenon parallels the rhythm of volcanic activity, is directly created by the 6.5-year X Wave, and usually commences at the same cyclical moment in the repeat upswing and downswing of the X Wave. Accordingly, in principle, the El Niño onset periods are predictable simply by plotting and predicting the motions of the Earth's crust as it bobs around to create the small 6.5-year repeating spiral in the location of spin axis, known as the Chandler wobble.

Though not shown here in charts, the current progressive movement of the average location of the spin axis since ~1900 appears to be causing the escalation of earthquake activity and volcanism which is creating the much discussed "global warming"

phenomenon. For unknown reasons, the spiralling motion of the Earth's crust in the Chandler wobble is causing a steady drift of the centre of the spiral in the direction of the Great Lakes. It has moved by some 50 feet since 1900 and this drift has been assumed to be normal. But it may not be normal.

Since about 1950, the spiralling motion of the Earth's crust has been moving down approximately Longitude West 90, completely out of the outer limits of its motions during 1900, and this progressive drift may be forcing the Earth into more aggressive shape-shifting in the tropical zones. The steady increase in tropical shape-shifting may be creating the long-term increase in the amount of earthquake and volcanic activity as shown in charts 101 and 102.

In summary, then, the cosmic factors of the Earth–Moon–Sun system are creating changes in the location and motion of the spin axis sufficiently to force a major new trend in the shape-

shifting of the Earth's crust in the tropical zones. This shape-shifting is pulsed in the frequency of the 6.5-year X Wave, and it has directly induced a huge increase (possibly a fourfold increase) in the release of the Earth's interior heat into the bottoms of the oceans during the past 50 years, most especially in the Pacific. Accordingly, then, the X Wave is causing El Niño, and the progressively accelerating drift or shift in the location of the pole is inducing the release of a steadily increasing amount of heat with each El Niño, thus increasing the severity of each cycle while accumulating as the trend which has come to be known as global warming.

It really is that simple. Unlike all other theories of Earth dynamics and global change, these truths are non-theoretical, are completely free of fancy mathematical sophistry, are strictly observation driven, and can always be found to be consistent with all of the data.

Resources and References

- For validations and compilations of Edgar Cayce's predictions, see the trilogy, *Return of the Phoenix*, by Michael Wells Mandeville. Sample chapters and information about how to obtain the books can be seen at: <http://www.michaelmandeville.com/phoenix/trilogy/rptrilogyfront.htm>.
- For an overall summary of the geophysical and geological concepts presented on these pages, see "An Outline of the Principles of Vortex Tectonics: The New Paradigm for Earth Dynamics", by M.W. Mandeville, MetaSyn Media, 2000 (11pp), at: http://www.michaelmandeville.com/polarmotion/Outline_Principles_Votex_Tectonics.pdf.
- For a compilation of correlations which demonstrate and prove the basics of vortex tectonics, see "Vortex Tectonics: The Primary Factors which Govern Earth Dynamics", by M.W. Mandeville, MetaSyn Media, 2000 (36pp), at: http://www.michaelmandeville.com/polarmotion/Votex_Tectonics_Equation.pdf.
- For ongoing updates related to the current motions of the spin axis and the transformations

which are underway in the Chandler wobble, see the Polar Motion Monitor html website at: http://www.michaelmandeville.com/polarmotion/polarmotion_monitor.htm.

- For a general discussion of the significance of Mandeville's discoveries to the issues related to El Niño weather forecasting and the debate about global warming, see "Press Release: Arizona Scientist Announces Major New Findings to Explain El Niño & Global Warming", at: http://www.michaelmandeville.com/polarmotion/pr4Oct2000_findings.pdf.

About the Author:

Michael Wells Mandeville served in the Navy for four years as an electronics technician. He studied history, science, economics and psychology at the University of Washington, and in 1972 became a doctoral student in political theory. He then applied his skills for 25 years as an artist and as a consultant in energy technology and small business planning, during which time he broadened himself through spiritual/psychic meditation practices.

By the early 1990s, Mandeville began to follow the cold fusion controversy and proved

in a series of experiments that it was possible to use inexpensive electrochemical means to transmute radioactive elements into inert elements like lead and the catalytic metals.

During the mid-1990s, archaeological and geological discoveries by various researchers inspired him to explore Egyptian prehistory and determine the validity of Edgar Cayce's stories of ancient Egypt. Mandeville assembled a large portfolio of many newly discovered facts which geologists, archaeologists, geophysicists, oceanographers and palaeontologists had discovered during the last 50 years, and found that the new facts painted a "big picture" which tended to corroborate Cayce's stories. In 1994, he began to outline the "big picture" in the *Return of the Phoenix* and did not finish until three volumes were published in 2000.

In the process, Mandeville discovered and proved out his own original theories about the forces which shape the Earth's geology. This discovery, which he named "vortex tectonics", is covered in the paper presented here. For more details, visit Michael Mandeville's website at <http://www.michaelmandeville.com>.

ELECTROMAGNETIC FUSION AND ET SPACE TECHNOLOGY

Space technology consultant David Adair goes on the record about his extraordinary experiences at Area 51 when, as a mere teenager, he was testing one of his electromagnetic fusion engine prototypes.

Excerpt from an interview with
David Adair

Website: <http://www.flyingsaucers.com/adair1.htm>

by Robert M. Stanley © 2002

Email: rstanley@socal.rr.com

ROBERT STANLEY: Tell me about the government disclosure letter you are circulating.

DAVID ADAIR: That letter is based on a series of events that occurred when I first testified for Dr Steven Greer in 1997... It's very simple what we want: a congressional hearing that will grant covert operatives total immunity from their national security oath. Dr Greer is telling us that he has hundreds of witnesses. I know he is not blowing smoke regarding this issue, because in 1971 I saw a lot of people working on these things.

ROBERT: At Area 51?

DAVID: Right. I saw them underground working on all these different craft and back-engineering lots of stuff. I believe there are people that have spent 30 years or more working on these types of projects. Imagine what they could tell us! But more importantly, they would be able to tell us who paid them, who signed the cheques.

ROBERT: So you are pushing for public hearings?

DAVID: Absolutely. I really want the world to hear what these hard-core engineers have to say.

ROBERT: You told me in our pre-interview that this event would radically change our lives, that we could begin integrating some of the more advanced technologies into our infrastructure.

DAVID: Exactly, but unravelling everything poses a problem. I know that while I was at Area 51 and was being taken through offices that were off to the side of the hangars and labs, they took me to a room and locked me in it. And that's where I stayed until General LeMay came and got me. But I saw a lot of people working down there as we were walking past these offices.

ROBERT: Wait a minute. General Curtis LeMay personally came to get you out?

DAVID: Yes. If you read his autobiographical book called *Iron Eagle*, he was a former commander of SAC [Strategic Air Command]. "General Curtis E. LeMay: retired February 1, 1965; died October 3, 1990. LeMay was the fifth Chief of Staff of the US Air Force." You will see, in the back of the book, he talks about his parents. They lived in Mount Vernon, Ohio. I lived in Mount Vernon, Ohio, when I built my first fusion rockets. I was on the cover of the local newspaper.

ROBERT: How did that happen?

DAVID: Well, because his parents' caregiver was my mother, Evangeline Adair.

ROBERT: What a strange coincidence!

DAVID: Yes, and that's how LeMay came to know me personally. And when our local congressman started funding my second rocket, that's when the *Mount Vernon News* got wind of the story. It was the fastest vehicle ever built on Earth.

ROBERT: Is this a picture of the second rocket I'm looking at?

DAVID: Yeah; there were all kinds of newspaper stories printed about me that I have saved. I was being funded by Congressman John Ashbrook. He was chairman of the Internal Security committees of Congress. That's a pretty powerful place to be. He was also on the Education and Labor committees, which is how he funded my work—through the Department of Education.

Then when the Air Force showed up to inspect my second rocket, they were totally gung-ho for all the formulas and the prototype I built from scratch. They knew I was on to something, so they funded me through the NSF [National Science Foundation].

Then my mother got concerned because the government people were really getting involved in our lives. So she went and talked to General LeMay. Curtis really liked my

mother a lot and he had seen the newspaper stories, so he came over to talk with me. Later he talked with Congressman Ashbrook. The next thing I know, LeMay told me: "David. I am going to be your buddy. I am going to be your project manager." And actually, that was the greatest thing that could have happened to me because I found out much later that it was LeMay that saved my ass.

ROBERT: That's some powerful protection.

DAVID: Yeah, but what's really interesting is an investigator pulled the records for Congressman Ashbrook from the Library of Congress and found all this documentation. The investigator was shocked to learn that I was telling the truth. In one letter I told the Air Force that without the right electronics and the right formulas to compress and scale down the fusion engine I was building, I would need a really big vehicle to put the engine in and it was going to be a damn big engine! Eventually I found an ICBM, a *Titan III*, that had been pulled out of mothballs and had been given to the Center for Science and Industry in Ohio. They had recently pulled all the fuel out of it and parked this thing in a storage area. It was flight ready.

After a while, I got the *Titan*. During that time, I had more information-based dreams and from that I eventually reconfigured the fusion engine down to a workable size. Everybody loved that, because hauling a *Titan* rocket around is pretty tough to do—it's 30 storeys tall! After I told them I could compress this thing down to an engine that would fit in a 12-foot-tall rocket housing, I had to build everything from scratch.

ROBERT: Didn't you tell me there were two rockets?

DAVID: Yes. You're right. There were two of these prototypes. This one went to the science fair. But here is the one that no one ever saw publicly.

ROBERT: The one you told me was "stealth"?

DAVID: Right. We built one just for the local people to see what we were working on. The Air Force guys came over to my house every day. They took their uniforms off and walked around in T-shirts and shorts so the locals would think they were just average people helping out with all the rocket stuff I was building. So when the town folks came by, they just thought, "Boy, he's building a big one this time." But we had two of them in production. I set up one that I used to win the science fairs with, but here is the design we used to move past the prototype stage with. Anyway, we had a front operation and another in the back. And it worked well. That was my introduction to covert activities...

At this documentation that I am showing you here, I brought with me to Congress... I didn't want to testify because I was really treading the fine line of National Security. However, I could tell this particular story because I was only 17 years old when that happened. According to constitutional law, the federal government is prohibited from signing a minor to a National Security Oath. Strom Thurman said to me one time, "You're the biggest loose cannon on the deck, boy."

ROBERT: Let's go back to your experience at Area 51 with General Curtis LeMay.

DAVID: Okay. What happened was, well, it was very simple. I had blown up my own engine. I sabotaged my rocket after it landed at Area 51. I blew it into a billion pieces. After they

showed me the engine downstairs, I knew what they were after from my engine.

ROBERT: Which engine?

DAVID: The Electromagnetic Fusion Containment Engine...because they are so fast. There is nothing like it. The liquid fuel and solid propellant engines are like Model Ts compared to a Lamborghini. This thing took off so fast. It went from zero mph to 8,754 mph in about 4.6 seconds. It was so fast that you couldn't even see it.

ROBERT: It went that fast from a standing start?

DAVID: Right. You couldn't even see it. It would be like trying to watch a bullet leave a rifle barrel.

ROBERT: That's not possible to see with the naked eye.

DAVID: Right. So everyone else at the launch site thought it blew up. I built most of it out of titanium. We also used inconel and carbonite. We had every kind of known material for lightness and strength incorporated in that rocket. And because of the extreme g-force of the launch, everything inside was just warped.

ROBERT: But the engine was still intact when the rocket landed at Area 51?

DAVID: Exactly. It came down on a parachute. And that is where it got weird, because there are a lot of characters in this story. The man that was really on my case...he was a bad guy. Dr Werner von Braun warned me. As a child, I knew von Braun because I was doing all this work with rockets in the early 1970s when we were landing men on the Moon.

An hour-and-a-half's drive from my house was Wapakenneta, which is where Neil Armstrong lived. His mother Viola and I became friends. She became like a surrogate mother to me. So I was hanging out with her

and I would see Neil around the house. And many times I would go over to her house and I would run right past Neil and go hang out with Viola. And Neil loved that about me because I wasn't interested in his fame; I just loved his mother. Neil was a very reclusive person...almost like a hermit...because when he came back from the Moon mission he literally just disappeared.

Anyway, because I was in that kind of environment, I got to attend parties where all the original *Apollo VII* astronauts would show up, and von Braun showed up. And that's how we all crossed paths and I started interfacing with him. The thing is, von Braun warned me that if, during my rocket work, I should encounter a man named Dr Arthur Rudolph, I should be extremely careful because he was so dangerous.

Dr Arthur Rudolph was the chief architect of the *Saturn 5* engines of our *Apollo* Moon rocket. He came into the US with von Braun and other German scientists under Operation *Paperclip*. Rudolph was a full colonel in the Gestapo. He had killed hundreds of Jews personally during the building of the V-2 rockets and Peenemünde. If you made a mistake, he would put a cable around your neck and slowly lift you up, which would strangle you. Then he would disembowel you and leave you hanging there for everyone to see. There were rotted corpses hanging all over the place. They would also feed you sawdust and water. This would take the hunger out of your stomach until you fell over dead, then they would just replace you with more fresh people. This man was the winner of the Most Distinguished Service award—the highest award NASA can give. The Mossad caught

"As a child, I knew von Braun because I was doing all this work with rockets in the early 1970s when we were landing men on the Moon."

up with Dr Rudolph on May 25, 1984. Due to war crimes, he was deported out of LAX to Munich, Germany, where he died [in jail].

Anyway, General LeMay had sent me from Mount Vernon, Ohio, to Wright-Patterson in Dayton, Ohio, where the SAC headquarters was located. From there, me and my rocket and some other colonels all got on board a C-141 transport and flew to White Sands. Soon after we arrived at White Sands, a black DC-9 plane showed up. LeMay had told me that if this plane showed up, it would represent a real problem for me. Anyway, out stepped these guys wearing suits and mirrored sunglasses. And among them was this one little guy wearing khaki uniform. I knew that was Dr Rudolph because Dr von Braun had showed me his picture.

ROBERT: Whom was Dr Rudolph working for?

DAVID: I'm not sure...one of those alphabet-soup intelligence agencies. But he was primarily working for NASA. And as soon as he got off the plane, he asked to see my rocket. When I asked him who he was, he told me, "Oh, I'm just a guy that inspects rockets for the government." Then I asked him if he was from NASA, and he said he had never worked there.

So we walked over to my rocket and I opened up a side panel. And when he leaned over to look at the engine, he began mumbling to himself and he seemed really upset—probably because I had built something he thought was impossible to do. So I took that opportunity to lean over and whisper in his ear, "Do you know that in proportional size, this engine has 10,000 times the thrust of the F-1, Saturn V engines, Dr Rudolph?" And he stood up and was furious. He wanted to know who I was and how I knew so much. And I told him, "I'm just a kid that launches rockets in the cow fields of Ohio." [Laughter] Anyway, I had friends around me who were Air Force colonels that LeMay had assigned to take care of me.

And I got upset when Dr Rudolph told me that he wanted to change the landing coordinates on my rocket. He was really nasty about it. The navigation system I was using was off-the-shelf stuff. Back in those days, it was all analogue. But I had my system programmed to where the rocket would come back down within a two-mile radius of the launch site. Dr Rudolph had me reprogram the coordinates so that my rocket would land 456 miles northwest of White Sands in an area called Groom Lake, in Nevada.

Well, I immediately pulled out my national survey maps and I looked at Groom Lake and thought, "My God! Why are we launching up to a dry lake bed in Nevada? It's so far away." That's when Dr Rudolph told me, "Just do it!" He was really hostile. And I had been warned many times by von Braun and LeMay that if I ran into Dr Rudolph, not to push his buttons.

So I reset the coordinates on the guidance system and we launched my rocket and it took off perfectly. And sure enough, it landed right on target. And you know, it wasn't until they made the movie *Independence Day* that I ever heard the term "Area 51".

ROBERT: How could that be?

DAVID: I always knew this place as Groom Lake. It was the only name I had ever heard for that place, growing up. So we were getting ready to board the plane to go and recover the rocket and I said, "Hey, do you see these rubber tyres on this plane? Would you please tell me how you are going to land this thing on a dry lake bed? This thing is going to plough into the ground and never leave." Someone yelled at me to shut up and get into the plane.

After a while, we arrived in Nevada. And as we flew over the landing site, I looked down at these twin 10,000-foot runways and I said, "My God! There's a huge base down there!"

So we landed at this place that doesn't exist on any map, and that's when I started getting really concerned. I was trying to locate any Air Force emblems, Navy emblems, any kind of logos or emblems that would identify the commanding authority, but there was nothing anywhere on any of the buildings. Normally, standard universal painting of water towers at an airstrip is an orange-and-white chequerboard pattern. But here, everything was painted either solid white or solid black. So they were not conforming to any code.

After we got out of the plane, we got on this go-cart-looking thing. It looked kind of like the electric carts that you see at airports. Then we drove from the landing strip to a series of hangars and headed into the centre one. It was really cool, the way this place was built. There were all these really big lights at the top that had louvres on them so the light will shine down. And when I got close to the buildings, they looked old and ratty, but underneath it was alloy, unlike any alloy I had ever seen. It was an incredible-looking stainless steel type of metal that I thought was really unusual to use for buildings of that size.

When we got inside the hangar, we went down to the basement area. Actually, we drove into the hanger and there were little yellow lights flashing and big hangar doors, and out of the ground came all these little pipes with chains attached that blocked off all the

doorways. Then the whole floor—about the size of a football field—slowly dropped down. The entire hangar was an unenclosed elevator.

ROBERT: So, it was more like a hydraulic lift in a garage?

DAVID: Yeah, but it was built to carry some really heavy stuff. The floor was made of concrete. God knows how much weight that was. The whole thing went up and down on giant worm-screws.

ROBERT: I see. That's a lot more stable than using a hydraulic system.

DAVID: Nothing can take the load like a worm screw. These things were the size of sequoia trees, and there were at least 12 of them lifting the floor! We went down at least 200 feet until we rested flush with the floor of an underground hangar that was huge. It had a huge arched ceiling, but it went so far that you couldn't see the end of it. It just went forever. And I thought, "My God! You could park a hundred 747s in here and they wouldn't even be in the way!"

**"Then the whole floor—
about the size of a
football field—slowly
dropped down.**

**The entire hangar
was an unenclosed
elevator."**

At that point I asked, "What in God's name did you do with all the dirt?" And they just looked really strangely at me. I guess they didn't expect me to try and figure things like that out.

The walls were at least 30 feet high, and all along them were different workshops and laboratories and periodically there were big, huge, work bays. So we kept driving down past all kinds of aircraft that I had never seen. Some of them I *had* seen, like the XB-70.

ROBERT: Was this area carved out of dirt or was it rock?

DAVID: I don't know. Everything was coated with a ceramic-like material.

ROBERT: I thought there were mountains surrounding the dry lake bed? Those must be fairly solid?

DAVID: Yeah. There are all kinds of mountain ranges around that area. I never saw any "dirt", though, because everything had concrete over it or was covered with some type of ceramic material. The most interesting thing about this to me still is how well lit the underground area was. There were no shadows, anywhere. And there were no light fixtures, anywhere. I was wondering how they generated that much light. It didn't look like the walls were glowing, or the floor or the ceiling. But every square inch of this place was lit, and yet there was no visible source of light.

And after we had been driving for a while and we had passed a lot of different aircraft, we took a road to the left that took us away from a lot of the other activities. I could see a lot of people working on stuff. These aircraft appeared to be operational. Some of them I have never seen before or since. They were shaped like a reverse teardrop. And there were others that looked similar to the flying wing. One aircraft, the XB-70, was a delta-wing bomber built in 1959.

ROBERT: And you were at Area 51 in 1971?

DAVID: Right. June 20, 1971. So, we get there and it was just amazing, because we drove up to the side of these big steel doors and one of the officers got out and put his hand on a scanner-type thing and it flashed a light at him. I thought it took his picture. In hindsight, I would have to guess that it

was a retina scanning device. And after the guy was scanned, the door opened up, so I knew this was a security system of a kind. This was 1971.

Let me put this into perspective. In 1971, we had no laptops, no modems, no fax, no VCR, no cellphones; we didn't even have handheld calculators. Texas Instruments developed those about five years later. So where in the hell did these guys get all this technology?

As soon as we went into the room, I immediately noticed the temperature drop, because it was warm in the big open areas we had just come from. It was very cool in this room. You could almost see your breath. And as we entered the room, the lights—wherever they were coming from—came on. And again there were no shadows being cast, anywhere.

Then someone threw a switch and activated a hoist attached to some cables that were attached to a big tarp. The tarp was lifted

straight up, and sitting on this huge steel platform was a giant electromagnetic fusion containment engine! And I immediately knew that, because its configuration was similar to mine but it was the size of a Greyhound bus. Mine was about the size of a large watermelon!

You can recognise engines that are comparable. If I had an internal combustion engine taken out of a Model A Ford and had it sitting on the ground and you pulled an engine out of a Viper today and placed it alongside, you would recognise that they operate on the same principle of internal combustion. However, the difference in performance between the two is unbelievable.

It was the same situation with my little engine and this thing they had stored underground. They both ran on the same principle, the same configuration, but the level of sophistication is like that of the Model A compared to the Viper engine. This thing they had was so powerful. There were so many design features that I didn't recognise, for reasons that became clear.

ROBERT: At this point you were just looking at the engine. Where was the rest of the craft?

DAVID: Well, that's where the argument started. They asked me if I liked what I saw. I said, "Well, yeah, but I'm confused. I thought I was the first one to build one of these engines."

And this is where things really started getting odd. The colonel that was with Dr Rudolph said, "Son, you want to help us with this design here since yours is very similar to it. You do want to help your country, don't you?"

Well, I had an American flag blanket.

And I listened to Anita Bryant's record before I went to sleep. I was a real patriotic flag-waver even in the '70s. Of course, it wasn't real popular to do that then because the war in Vietnam was still raging. My peers couldn't understand why I loved America so much, but it was just the way I was raised.

So at first I agreed with the colonel that I wanted to help. However, I was very curious and asked, "Where are your people that built this engine?" He paused for a moment, then told me, "Well, they are on vacation right now.

You're off on summer vacation, right?" And I said, "Okay! That's good. Did they leave any notes on their work that I can look at?" Then I was told, "Well, they took them with them as homework. You get homework." And I was thinking, "You know, this is really condescending. I am 17 years old." But that's how they treated 17-year-olds back then. So I thought, "Okay; I will play along with this asshole."

I agreed to help them, but told them that I needed to get a closer look at the engine. And they agreed, at which point I walked up and got onto the platform. And the closer I got to it, the more I realised that these people had no idea what this engine was; they were still trying to figure it out. I could tell that it didn't belong to us. And when I was about three feet away, the first thing I noticed was a perfect shadow of myself on the engine. And what did I tell you earlier?

ROBERT: There were no shadows anywhere.

"Let me put this into perspective. In 1971, we had no laptops, no modems, no fax, no VCR, no cellphones; we didn't even have handheld calculators. Texas Instruments developed those about five years later.

So where in the hell did these guys get all this technology?"

DAVID: Right. So how is my shadow showing up on this thing? And stranger still was that the shadow moved about a half a second behind me. That really got my attention. And I thought, "If this is what I think it is...a heat sensitive recognition alloy..." And then I realised we don't have [any] known material that could do that.

DAVID: So I looked up at the engine and I asked for permission to climb to the top because I wanted to see the damaged area. The thing had a hole about four feet in diameter in the side of it, and this was the area that most interested me. Now, think of a figure eight, and right where the two circles cross each other is the eye of the hurricane. That's where the damage was located on this engine. Knowing my own engine, I was assuming that this thing had experienced some kind of breach in the electromagnetic flux field that acts as the containment wall that harnesses the power of the reactor engine.

These engines basically function like a magnetic bottle or sphere, and inside you have contained the power of the Sun or a hydrogen bomb continuously detonating. It's not impossible to figure out how this works, because it occurs all the time out in space. Black holes can suck an entire galaxy full of suns into their point of singularity. Obviously a black hole has no problem containing that fusion energy.

What I did was mathematically figure out a way to artificially create a synthetic black hole. And because it is based on a figure-eight design, once it has stabilised it will always implode and consume itself without pulling everything around it in. But this engine at Area 51 had lost its stabilisation in the figure eight, and that's why I was so curious about the hole.

The way this engine was built was really cool. There wasn't a single screw or rivet or weld seam anywhere on this entire device from end to end. It looked like it was grown rather than assembled. And I thought, "Man, whoever built this really has some incredible manufacturing techniques."

Over the years, I have been able to replicate this process to some extent in an experiment that I built. It flew onboard one of the 1993 Space Shuttle missions. It was part of the GAS (Get Away Special) program. That's where you rent space in a 55-gallon drum for your project. The first thing I did was melt alloys together, and when you spin them in a weightless environment you can create any type of dimension you want, because I figured out a way to control this. There was always a question about how you shape liquid metals in a weightless environment. It's a containerless process. It's a real phenomenon.

ROBERT: You made a form without using a mould?

DAVID: Right. I figured out how to take a fluid glob floating in this weightless environment and control it. For every geometric shape and dimension, we know there is a corresponding sound wave. So I created this machine that was attached to a Moog synthesiser, which allowed me to replicate any shape I wanted simply by playing notes. This machine generates interlocking standing sound waves that vibrate, even in space, and which allowed me to shape the liquid metal.

That process proved to me what I had suspected when I first saw the engine at Area 51 in 1971: whoever built that engine used this process. This raised an even larger question in my mind.

Who could have built an engine of this size in space? I have never discussed this publicly. But I was curious and I wanted to replicate that engine design, which was clearly built in a weightless environment.

ROBERT: Which means outer space?

DAVID: It would have to be *deep* space. Like *intergalactic* deep space, away from any planets or stars.

ROBERT: I guess you wouldn't want your design process to encounter any gravitational fields?

DAVID: Right. The less the better. They are called "gravity convections". They didn't want any gravity convection currents to show up in the alloy shaping process.

Anyway, when I placed my hands on the engine to pull myself up, I began climbing up the exterior of the engine, which was designed with an exoskeletal structure. The best way to explain this is to look at the designs of H. R. Geiger; he is the designer that created all the sets of the *Alien* movies.

ROBERT: What happened when you touched it?

DAVID: It was warm, which didn't make any sense at all. It was so cold in that hangar, you could almost see your breath. I looked around on the floor and saw no power lines. And I asked myself, "How in the world could this alloy be staying warm?" And it was really hard. It was the hardest material I have ever

touched. It didn't give anywhere. The surface cohesion tension on it felt more like a baby's skin. It was supple, but hard and warm.

ROBERT: That is weird, especially for metal.

DAVID: Yeah, and I was thinking, "What the heck is going on?" And as I was crawling up everywhere, I touched the surface and it reacted. When I turned and looked at the Air Force guys, all their mouths were hanging open. And so I assumed that the reaction they were seeing hadn't happened for them, because wherever I touched it there

were these really amazing blue and white swirls moving down through the hull of this thing. It looked like wavelengths that you see on an oscilloscope. When I pulled my hands off, it stopped. And I said, "Wow! This thing is reacting!"

So I continued to climb up until I reached the centre area. It had these vertebrae that branched off, cascading, fibre-like. They looked almost like fibre optic cables filled with some kind of fluid. They were very small tubes the size of angel hair pasta. There were millions of these things cascading over the hull of this engine. And I thought, "Boy, these patterns look familiar." Then it dawned on me: they looked like neural synaptic firing patterns. There were millions of them going out everywhere on this thing. So I thought that maybe the engine was designed with an exoskeletal brain. And at that point, I reached out and grabbed some of the fibres and found that they were really tough and that there was fluid in them. And wherever I touched, no matter what I touched, there would be a reaction to it like a tremor of visual lights.

As I walked down into the damaged area of this thing, I finally said to the Air Force guys, "You know, this thing is a power plant. It is more than a propulsion system. It is a power plant. It obviously came out of a big vehicle...a craft of some kind. Where is

"And then I realised we don't have [any] known material that could do that."

Continued on page 76



COSMIC DECEPTION: LET THE CITIZEN BEWARE

by Steven M. Greer, MD © June 2002
Director, The Disclosure Project

Imagine this: it is the [northern] summer of 2001, and someone presents you with a script for a movie or book that tells how a diabolical terrorist plot unfolds wherein both 110-storey World Trade Center towers and part of the Pentagon are destroyed by commercial jets hijacked and flown into those structures.

Of course you would laugh, and if you were a movie mogul or book editor you would reject it out of hand as ridiculous and implausible, even for a fictional novel or movie. After all, how could a commercial jet, being tracked on radar after two jets had already hit the World Trade towers, make it through US air defences into the most sensitive airspace in the world and, in broad daylight, on a crystal-clear day, slam into the Pentagon! And this, in a country that spends over US\$1 billion a day to defend itself! Absurd, illogical—nobody would swallow it!

Unfortunately, there are some of us who have seen these scripts—and of far worse things to come—and we are not laughing.

One of the few silver linings to these recent tragedies is that maybe, just maybe, people will take seriously, however far-

etched it may seem at first, the prospect that a shadowy, paragovernmental and transnational entity exists that has kept UFOs secret—and is planning a deception and tragedy that will dwarf the events of September 11, 2001.

The testimony of hundreds of government, military and corporate insiders has established this: that UFOs are real, that some are built by our secret "black", shadowy government projects and some are from extraterrestrial civilisations, and that a group has kept this secret so that the technology behind the UFO can be withheld—until the right time. This technology can, and eventually will, replace the need for oil, gas, coal, ionising nuclear power and other centralised and highly destructive energy systems.

This five-trillion-dollar industry—energy and transportation—is currently highly centralised, metred and lucrative. It is the stuff that runs the entire industrialised world. It is the mother of all special interests. It is not about money as you and I think of it, but about geopolitical power—the very centralised power on which the current order in the world runs. The world is kept in a state of roiling wars, endless poverty for most of the Earth's denizens and global environmental ruin—just to prop up this evil world order.

As immense as that game is, there is a bigger one: control through fear. As Dr Wernher von Braun related to Dr Carol Rosin (his spokesperson for the last four years of his life), a maniacal machine—the military-industrial-intelligence-laboratory complex—would go from Cold War, to Rogue Nations, to Global Terrorism (the stage we find ourselves at today), to the ultimate trump card: a hoaxed threat from space.

To justify eventually spending trillions of dollars on space weapons, the world would be deceived about a threat from outer space, thus uniting the world in fear, in militarism and in war.

Since 1992, I have seen this script unveiled to me by at least a dozen well-placed insiders. Of course, initially I laughed, thinking this just too absurd and far-fetched.

Dr Rosin gave her testimony to The Disclosure Project before 9-11. And yet others told me explicitly that things that looked like UFOs, but that are built and under the control of deeply secretive "black" projects, were being used to simulate—hoax—ET-appearing events, including some abductions and cattle mutilations, to sow the early seeds of cultural fear regarding life in outer space. They told me that at some point after Global Terrorism, events would unfold that would utilise the

now-revealed "alien reproduction vehicles" (ARVs, or reversed-engineered UFOs made by humans by studying actual ET craft; see the book *Disclosure* by this author) to hoax an attack on Earth.

Like the movie *Independence Day*, an attempt to unite the world through militarism would unfold using ETs as the new cosmic scapegoat (think of the Jews during the Third Reich).

None of this is new to me or other insiders. *Report from Iron Mountain*, written in the 1960s, described the need to demonise life in outer space so we could have a new enemy—an enemy off-planet that could unite humans (in fear and war) and that would prove to be the ultimate prop for the trillion-dollar military-industrial complex that conservative Republican President and five-star general Eisenhower warned us about in 1961 (no one was listening then, either...).

The Plan for Beyond September 11

So here is the post-9-11 script—one that will be played out unless enough people are informed and the plan can be foiled because "they" will be unable to fool a sufficient number of citizens and leaders.

After a period of Terrorism—a period during which the detonation of nuclear devices will be threatened and possibly actuated, thus justifying expanding the weaponisation of space—an effort will be ramped-up to present the public with information about a threat from outer space. Not just asteroids hitting the Earth, but other threats. An extraterrestrial threat.

Over the past 40 years, ufology, as it is called—combined with a mighty media machine—has increasingly demonised ETs via fearsome movies like *Independence Day* and pseudoscience that presents alien kidnappings and abuse as a fact (in some circles) of modern life. That some humans have had contact with ETs, I have no doubt; that the real ET contact has been subsumed in an ocean of hoaxed accounts, I am certain.

That is, *real* ET events are seldom reported out to the public. The Machine ensures that the hoaxed, frightening and intrinsically xenophobic accounts are the ones seen and read by millions. This mental conditioning to fear ETs has been subtly reinforced for decades, in preparation for future deceptions—deceptions that will make 9-11 look trivial.

I write this now because I have recently been contacted by several highly placed media and intelligence sources that have made it clear to me that hoaxed events and storylines are imminent, which will attempt further to ramp-up the fear machine regarding UFOs and ETs. After all, to have an enemy you must make the people hate and fear a person, a group of people or, in this case, an entire category of beings.

To be clear, the maniacal covert programs controlling UFO secrecy, ARVs and related technologies—including those technologies that can simulate ET events, ET abductions and the like—plan to hijack *Disclosure*, spin it into the fire of fear, and roll out events that will eventually present ETs as a new enemy. *Do not be deceived.*

This hogwash, already the stuff of countless books, videos, movies, documentaries and the like, will attempt to glom onto the facts, evidence and first-hand insider testimony of The Disclosure Project, and on its coat-tails deliver to the world the cosmic deception that falsely portrays ETs as a threat from space. *Do not be deceived.*

By commingling fact with fiction and by hoaxing UFO events that can look terrifying, the plan is eventually to create a new, sustainable, off-planet enemy. And who will be the wiser? You will. Because now you know that after 60 years, trillions of dollars and the best scientific minds in the world pressed into action, a secretive, shadowy group—a government within the government and, at once, fully outside the government as we know it—has mastered the technologies, the art of deception and the capability to launch an attack on Earth and make it look like ETs did it.

In 1997, I brought a man to Washington to brief members of Congress and others about this plan. Our entire team at the time met this man. He had been present at planning sessions, discussing when ARVs—things built by Lockheed, Northrup *et al.*, and housed in secretive locations around the world—would be used to simulate an attack on certain assets, making leaders and citizens alike believe that there was a threat from space—when there is none. Before he could testify, his handlers spirited him away to a secret location in Virginia until the briefing was over... Sound familiar?

Dr Wernher von Braun warned of such a hoax as a pretext for putting war into space. And many others have warned of the same.

Space-based weapons are already in place: they're part of a secret parallel space program that has been operating since the 1960s. ARVs are built and ready to go (see the book *Disclosure* and the chapter with the testimony of Mark McCandlish *et al.*). Space holographic deception technologies are in place, tested and ready to fire. And the Big Media is a pawn, now taking dictation from the right hand of the king.

I know this all sounds like science fiction. Absurd. Impossible. Just like 9-11 would have sounded before 9-11. But the unthinkable happened and may happen again, unless we are vigilant.

Combine all of this with the current atmosphere of fear and manipulation, and there is a real risk that our collective judgement will be hindered and our constitutional rights suspended.



But know this: if there is a threat from outer space, we would have known about it as soon as humans started exploding nuclear weapons and going into space with manned travel. That we are still breathing the free air of Earth—given the galactically stupid and reckless actions of an out-of-control, illegal, secret group—is abundant testimony to the restraint and peaceful intentions of these visitors. The threat is wholly human. And it is *we* who must address this threat, rein it in and transform the current situation of war, destruction and secret manipulation to one of true Disclosure and an era of sustained peace.

War in space, to replace war on Earth, is not evolution but cosmic madness. A world thus united in fear is worse than one divided by ignorance. It is now time for the great leap into the future—a leap that moves us out of fear and ignorance and into an unbroken era of universal peace. Know that this is our destiny. And it will be ours, just as soon as we choose it.

About the Author:

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LOST INCA CITY UNCOVERED IN PERUVIAN JUNGLE

A team of explorers has discovered the ruins of a "lost city" in Peru, hidden in a remote mountain jungle and untouched for more than 500 years. Called Cota Coca, the ruins are in south-eastern Peru, about 50 kilometres southwest of the well-known Inca site of Machu Picchu in the Andes.

British writer and explorer Hugh Thomson said the site—more of a settlement than what we would understand as a city—was in a "remarkable state of preservation". Mr Thomson, a co-leader of the expedition, said: "You're only going to find a new Inca site once in your life."

Britain's Royal Geographical Society says Cota Coca's "constructed area" is more than twice as large as any found at the other Incan ruin whose discovery was announced just a few months ago.

The ruins include about 30 stone buildings around a central plaza. One structure, believed to be a large meeting hall or barracks, measures longer than 20 metres.

"This is an important discovery, because it is a sizeable centre of good-quality late-Inca masonry," said John Hemming, a

well-known Inca expert and former director of the Royal Geographical Society.

The newly discovered site is extremely remote, hidden at the bottom of a near-inaccessible river canyon in dense jungle.

The expedition was co-led by Hugh Thomson and American archaeologist Gary Ziegler, who began looking for the site after a tip from a mule-handler. The two plan to return to the area next year to look for even more ruins that may be hidden nearby.

War in space, to replace war on Earth, is not evolution but cosmic madness.

Cota Coca, at 1,850 metres above sea level, is located on a plateau near where the Yanama and Blanco rivers meet in a deep canyon. The river and valley have become impassable, so the expedition had to approach the city from the mountains above, trekking for five days from the nearest trailhead into thick jungle.

In Inca times, the explorers say, there may have been a road linking Cota Coca to another of the great Inca cities, Choquequirao.

(Source: *BBC News*, June 6, 2002, website <http://news.bbc.co.uk>)

CHILEAN REGION DECLARED AN OFFICIAL UFO TOURISM ZONE

Villagers around the picturesque Chilean mountain district of San Jose de Maipo insist visitors are coming from as far away as other galaxies and solar systems. They have reported so many UFO sightings during the past two decades that Mayor Miguel Marquez has declared his Maipo River region, just outside the capital of Santiago, an official UFO tourism zone.

He plans to erect two observation centres, place signs where there have been sightings, and offer workshops on, among other topics, how best to photograph alien visitors. He thinks the nearby mountains contain a "natural energy" that attracts visitors, even those from another world.

"This zone is the UFO capital of Chile," Marquez said. "Many people have made sightings, including myself. I'm not going to say I've seen aliens, but I've seen objects."

Chile's Corporation for the Investigation of UFOs, a band of believers based in the capital, approached the mayor with the UFO tourism concept several months ago. Since tourists were already coming to the region to relax, the group's leaders suggested, "Why not encourage them to scan the skies for alien beings?"

Chilean newspapers, radio shows and television programs report UFO sightings regularly and lavishly.

(Sources: *Contra Costa Times*, June 14, 2002; and website www.bayarea.com/mld/bayarea/news/3468215.htm)



REVIEWS



BOOKS

Reviewed by Ruth Parnell

THE RECONNECTION:

Heal Others, Heal Yourself

by Dr Eric Pearl

Hay House, USA, 2001

ISBN 1-56170-819-4 (221pp hc, pb)

Price: A\$37 (hc), A\$24.95 (pb); NZ\$33.95

(hc); £16.99; Euro30.90; US\$23.95

Availability: **Aust**—Gary Allen P/L, tel (02)

9725 2933, **NZ**—NEXUS Office; **UK**—

Airlift, tel 020 8804 0400; **Europe**—

NEXUS Office; **USA**—Hay House, website

<http://www.hayhouse.com/books/>

Top medical researchers and schools around the world are recognising the extraordinary healing work of Los Angeles-based chiropractor Dr Eric Scott Pearl. In 1993, having practised chiropractic for 12 years, Dr Pearl was suddenly blessed with two special gifts: the ability to be a conduit for a powerful healing energy and the realisation that spirit is everywhere.

His patients have reported elimination of cancers, curing of chronic fatigue syndrome, reversal of birth defects and regained use of limbs following spinal injury. And while he's still coming to terms with the energetic mechanisms by which these healings can be effected (some people have been healed by watching him perform activations on TV), he maintains that the gift is also about helping others to help others. His touching book, *The Reconnection*, is not just the story of his remarkable journey into healing, but it's also an instruction manual to help anyone "ease into the pool of reconnective energy" and "ignite the healer" within.

Dr Pearl clarifies the misconceptions about energetic healing and rejects the use of rituals based in fear, not love. He also explains what effects patients may experience during healing sessions. To connect with the flow, we need to let go of ego, emotional baggage and mental constructs, and allow ourselves to focus attention and feel for the energy coursing within and without.

Dr Pearl's practical advice transcends "technique" as such, and makes a whole new world of healing accessible to us all.

THE WAR ON FREEDOM: How and Why America was Attacked, September 11, 2001

by Nafeez Mosaddeq Ahmed

Tree of Life Publications, USA, 2002

ISBN 0-930852-40-0 (400pp e-bk or pb)

Price: US\$8.95 (e-book), US\$11.95

(e-book + pb), US\$16.95 (pb) + s&h

Availability: **USA**—Media Monitors

Network, website [http://www.thewaron-](http://www.thewaron-freedom.com)

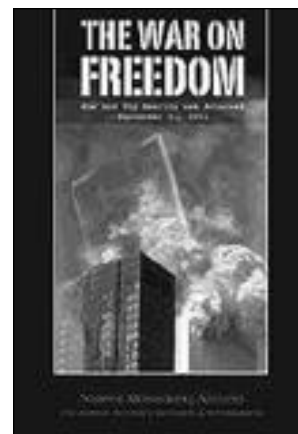
[freedom.com](http://www.thewaron-freedom.com); Amazon.com

The world has indeed changed forever since the events of September 11, 2001, but, says Nafeez Mosaddeq Ahmed in the preface to *The War on Freedom*, "not necessarily in the way slavishly described by the majority of academic and media commentators". Ahmed seems to have a maturity beyond his 23 years of age, with a number of thought-provoking papers already to his name. He is the executive director of a public interest think-tank, the Institute for Policy Research & Development, based in Brighton, UK. In this issue of NEXUS, we reprint the Conclusions from his book.

Ahmed makes a serious attempt to examine the facts and anomalies of events

surrounding September 11, and he reveals some unpalatable truths; for example, the suspicious collapse of standard operating procedures for air emergencies on that day. Any study of this type must refer to decades of history of international, but particularly US, strategic and economic policies and interests in Afghanistan and the region, and Ahmed does a great job in summarising the events that led to the rise of the Taliban and Osama bin Laden's al-Qa'ida in the 1990s. He also highlights longtime Bush-bin Laden family ties and the US-Saudi alliance. He checks out the warning signs received by US intelligence agencies well in advance of the 9-11 attacks, and considers the official US response to them—along with the anti-terrorism, police-state legislation that disguises a massive attack on freedom, aided and abetted by the media.

He leaves us in no doubt that certain interests in US government, military, industrial, intelligence and media arenas had much to gain from the September 11 attacks.





REVIEWS

THE HIDDEN DRUG: Dietary Phosphate – Cause of Behaviour Problems, Learning Difficulties and Juvenile Delinquency

by Hertha Hafer

PhosADD, Australia, 2002 (translation of 6th revised German edition, 1998)
ISBN 0-646-40644-2 (168pp tpb)
Price: A\$24 + \$5 p&h; NZ\$29 + \$6 p&h;
Euro15 + Euro6 p&h; US\$15 + \$6 p&h
Availability: **Australia**—David J. Hardy, PO Box 217, Unley SA 5061, tel +61 (0)8 8272 7960, fax +61 (0)8 8272 8236, email d.jh@bigpond.com.au

Most of us have heard of the environmental problems caused by phosphate run-off from cleaning products and agricultural chemicals into waterways and seas, but know little about the health dangers from consuming the processed, phosphate-ridden foods and drinks that are common in the modern consumer society.

According to the investigations and observations of German research pharmacist Hertha Hafer, phosphate in food is the cause of Attention Deficit Hyperactivity Disorder (ADHD), the so-called behavioural disorder affecting so many children these days and increasingly being treated with psychotropic drugs like Ritalin. Hafer's son demonstrated such symptoms, yet, when he was given low-phosphate food, he soon returned to his normal, responsive, friendly self.

The more processed food you eat, the more phosphate you consume, though some people have greater sensitivity to it than do others. Phosphate additives are used by the food industry in emulsifiers, stabilisers and thickeners and are found in processed meats, cheese spreads, soups, sauces, creams,

chocolates, baked goods, baking powder, soft drinks and so on. Hafer describes the alarming biochemical effects of phosphates and includes lists of what can be eaten and what should be avoided, as well as a special low-phosphate diet plan.

Hertha Hafer's book, *The Hidden Drug: Dietary Phosphate*, was first published in 1978, and this is the 2001 English translation of the considerably updated sixth edition. This one reports on scientific studies up until the late 1990s, as Hafer's hypotheses have now been verified around the world.

If you're concerned about children's health in the consumer society, this is a must-read.

NATURAL SOLUTIONS TO PMS

by Marilyn Glenville, PhD

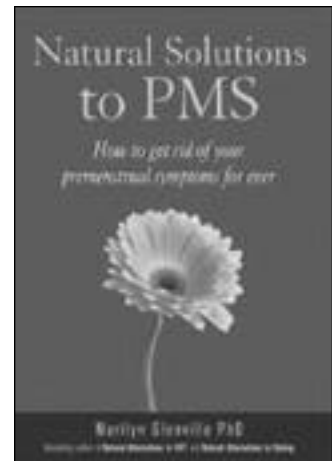
Piatkus Books, UK, 2002
ISBN 0-7499-2211-7 (198pp tpb)
Price: A\$32.95; NZ\$39.95; £10.99;
C\$24.95

Availability: **Aust**—Hodder Headline; **NZ**—David Bateman P/L, tel (09) 415 7664; **UK**—Piatkus, tel 020 7631 0710, <http://www.piatkus.co.uk>; **Canada**—General Publishing, tel (416) 445 5967

It's estimated that premenstrual syndrome (PMS) affects 70–90% of Western women each month during their reproductive years, and that 30–40% have physical and psychological symptoms severe enough to disrupt their lives. Author and nutritional therapist Marilyn Glenville, PhD, reports that there are 150 symptoms associated with PMS—which means that a fragmentary, conventional approach to treating PMS is unlikely to be effective. Symptoms, whether they be headaches, cramps, weight change, mood swings, cravings or irritability, vary from woman to woman, so Dr Glenville advo-

cates an holistic approach to understanding, coping with and treating them.

But adjusting imbalances with pharmaceutical hormonal drugs is not the answer. The solution is to address what the body is doing to cause these symptoms to emerge. Dr Glenville looks at factors such as stress and adrenaline overload, vitamin and mineral deficiencies, low thyroid function, insufficient fatty acids, and so on. She gives tried-and-tested advice on dietary and lifestyle changes, food supplements and herbal remedies for specific ailments, and various alternative treatments. This is readily accessible information to help sufferers get rid of their symptoms permanently. One of the most important elements of her special PMS diet is balancing the blood sugar level, which means eliminating anything that causes rapid changes in blood sugar—such as coffee, tea, sugar, alcohol and chocolate. Not good news for some, but why not take the plunge for the sake of your total health?



REVIEWS



PRACTICAL PSYCHIC SELF-DEFENSE

by Robert Bruce

Hampton Roads Publishing, USA, 2002

ISBN 1-57174-221-2 (332pp tpb)

Price: A\$46.95; NZ\$56.95; £12.99;

Euro21.90; US\$16.95

Availability: **Aust**—Gemcraft, tel (03)

9761 5535; **NZ**—NEXUS Office, tel (09)

405 1963; **UK**—Airlift, tel 0800 018 5450,

020 8804 0400; **Europe**—NEXUS; **USA**—

Hampton Roads, <http://www.hrpub.com>

With some stretch of the imagination we can perhaps accept that minds can influence other minds and emotions at a distance. A little stretch further and maybe we can entertain the notion that minds can be influenced synthetically using various mind control technologies. We may also be able to accept that the world of quantum physics involves discussion of dimensionality. But can we bring our minds to grasp the existence of interdimensional spirits that may have an effect on us for better or worse?

In this logical follow-up to *Astral Dynamics*, Australian author Robert Bruce writes commandingly of his own experiences with negative forces and how he's combatted them over the years. He says that every technique he describes for handling negative psychic influences is based on his own experience. He's aimed this book at readers who don't have any background in metaphysical knowledge or practice—but those who do should appreciate his principled, realistic, no-nonsense approach.

However, in the third section on protecting against unseen spirit influences, he does engage in some ritual-based but tried-and-tested methods of banishment, such as visualising tools and marking out sacred symbols to clear a space. These negative forces

("Nags", as he calls them) are much more frequently encountered by our subtle energy bodies than beneficent or even angelic forces, so this is all the more reason to be vigilant, to understand them and know how to deal with them. Children are particularly susceptible to these energies, and Bruce sets worried parents' minds at rest with his well-grounded advice and revealing case studies.

THE HOLY ORDER OF WATER:

Healing Earth's Waters and Ourselves

by William E. Marks

Bell Pond Books, USA, 2001

ISBN 0-88010-483-X (296pp hc)

Price: US\$18.95 + US\$5 s&h; C\$28.95;

o/s orders add \$5 surface mail; Euro22.90

Availability: **USA**—Bell Pond Books, tel

+1 (413) 528 8233, [http://www.bellpond-](http://www.bellpond-books.com)

[books.com](http://www.bellpond-books.com); **Europe**—NEXUS Office, tel

+31 (0)321 380558

We cannot live without water. Our bodies are largely composed of it. It's intrinsic to life. Yet our oceans, waterways and water supplies are increasingly being compromised by pollution.

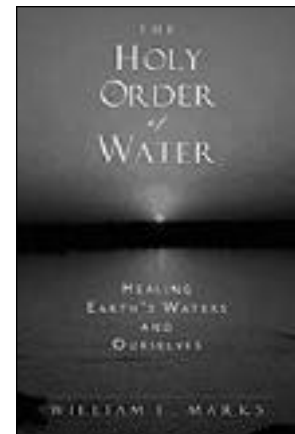
Worldwide bottled water sales were calculated at 27.5 billion gallons in 2000, up from 15 billion in 1994. We have the threat of wars being fought over scarce water supplies. We have water shortages, desertification, salination, inappropriate dams and population displacement, land subsidence due to overpumping of groundwater, rampant commodification as a result of water privatisation, destruction of ecosystems and so on.

It's time to respect and care for water as if it were a living being—which is exactly what it is, says William Marks in his passionate book, *The Holy Order of Water*.

Marks has been a staunch water protection advocate for much of his life. It started when he was a child growing up on his parents' self-sufficient organic farm in New Jersey, USA, and continued through his academic and professional life. Even as an undergraduate, he exposed industrial water pollution breaches that resulted in lawsuits.

A resident of Martha's Vineyard, Marks started the first state-certified water testing laboratory there and has worked tirelessly to clean up local waterways and publicise the clean water cause. His perspective takes in not just scientific research but the wisdom of the ages as he contemplates the practical, emotional and spiritual powers of water.

With chapters titled Wonder, Mystery, Crisis, Healing and Hope, Marks draws us into a journey of discovery that's ultimately about finding ourselves and our connection with the planet. He also emphasises how the actions of individuals and groups can make a difference for the better, and he gives examples of many who are doing just that.





REVIEWS

GETTING RID OF RITALIN

by Robert W. Hill, PhD, and Eduardo Castro, MD

Hampton Roads Publishing, USA, 2002
ISBN 1-57174-254-9 (284pp tpb)
Price: A\$46.95; NZ\$66.95; £14.99;
Euro25.90; US\$19.95

Availability: **Aust**—Gemcraft, tel (03) 9761 5535; **NZ**—NEXUS Office; **UK**—Airlift, tel 020 8804 0400; **Europe**—NEXUS Office; **USA**—Hampton Roads, tel +1 (804) 296 2772, <http://www.hrpub.com>

An estimated four million children in the USA alone are currently taking the stimulant drug Ritalin to control so-called attention deficit disorder and hyperactivity.

Well-meaning doctors are prescribing it as a simple solution, but without necessarily understanding the causes of the problem.

According to the authors of *Getting Rid of Ritalin*—psychiatrist Eduardo Castro and psychologist Roert Hill—slow brainwave activity is at the core of ADD/ADHD. But by prescribing Ritalin to speed up the brain, doctors are not fixing the cause of the problem: they're unleashing a host of side effects on their patients and have no idea of the long-term consequences. When Ritalin is removed, the brain slows down again.

Drs Castro and Hill believe there is another way to treat ADD in children and adults, as well as control hyperactivity, lethargy, aggressiveness, violent behaviour and substance abuse: with neurofeedback. This is a sophisticated form of biofeedback, in which the brain is trained to speed up. At least for 75–80% of clients they've worked with, the technique is successful and has lasting benefits without side effects. Yet we have to wonder what might cause slow brainwave activity in the first place. We've come

across much compelling research on the link between a depleted diet and this neural disorder. Fortunately, the authors give due attention to how good nutrition can enhance brain activity, and they include tips on what foods to avoid. They also have a chapter on how toxic substances can contribute to ADD and how they can be removed. They even regard television as causing neurological damage, particularly in young children, so they consider this in their ADD picture.

Combined with good diet and lifestyle, the neurofeedback technique holds great promise. The book also has a useful list of neurofeedback practitioners worldwide.

THE STONE PUZZLE OF ROSSLYN CHAPEL

by Philip Coppens

Frontier Publishing, Netherlands, Adventures Unlimited Press, USA, 2002
ISBN 1-931882-08-8 (107pp tpb)
Price: A\$27.00; NZ\$33.00; £7.99;

Euro14.90; US\$12.00 + s&h

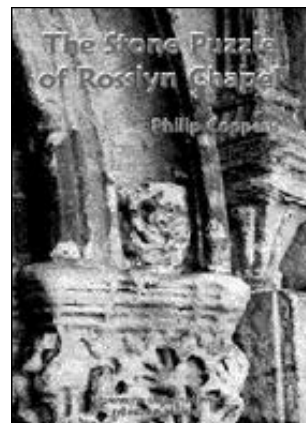
Availability: **Aust/NZ/UK/Europe**—NEXUS offices; **USA**—Adventures Unlimited, tel (815) 253 6390, website <http://www.adventuresunlimitedpress.com>

We've reviewed several books in these pages that discuss the 15th-century Rosslyn Chapel, located just south of Edinburgh, Scotland, and its possible associations with the Knights Templars and Freemasonry. All of them end with question marks, as does Philip Coppens's *The Stone Puzzle of Rosslyn Chapel*. But Coppens adds some interesting historical detail on generations of the wealthy, influential Sinclair (St Clair) family and the myths and distortions written by a 17th-century family biographer, which would suggest that the

Chapel well pre-dated organised Scottish Freemasonry and was never a Knights Templar stronghold.

Rosslyn Chapel was built under the direction of one William St Clair, grandson of the third Earl of Orkney, another William, over a 40-year period (in fact, he died before it was completed), and in 1450 it was dedicated to St Matthew and consecrated as a Catholic chapel. Yet it is full of conflicting pagan, occult and Masonic imagery and iconography, including over 100 representations of the Celtic Green Man, references to the Nordic Tree of Life myths, pillars related to various degrees of Masonic initiation, and a design possibly based on the Temple of Solomon in Jerusalem (as suggested by authors Knight and Lomas).

Coppens includes photos of special features in close-up (but not one of the Chapel in its entirety), and suggests St Clair chose the site for its special geography and its mystical Arthurian Grail associations through the centuries. Perhaps, after all, the Sinclairs were keepers of special knowledge.

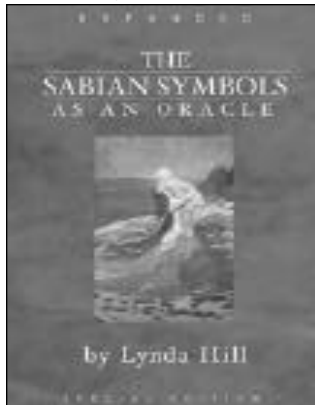


REVIEWS



THE SABIAN SYMBOLS AS AN ORACLE by Lynda Hill

White Horse, USA, Special Edition 2002
ISBN 0-9580890-0-0 (360pp tpb + cards)
Price: A\$30.00 + \$5 p&h in Australia;
US\$30.00 + \$5 s&h in USA
Availability: **Australia**—Lynda Hill, PO
Box 172, Avalon NSW 2107, tel +61 (0)2
9918 9539, email lyndah@bigpond.com,
website <http://www.sabiansymbols.com>;
USA—Philip Sedgwick, tel (480) 451 3070



The Sabian symbols comprise a set of word images that correspond with each of the 360 degrees of the circle—a zodiac mandala. They were recorded in one day in 1925 as part of an experiment between an astrologer, Marc Edmund Jones, and a gifted clairvoyant, Elsie Wheeler, who intuited an image for each degree. The Sabian symbols, says astrologer Lynda Hill, have roots in ancient cultures of the Middle East. The original Sabians lived in Harran, a city on the Euphrates in Mesopotamia, but they inherited the system from the Chaldeans.

The word images of each degree provide

additional insights for astrologers when they are placed into natal charts, and Lynda Hill is convinced the Sabian symbols are an amazingly accurate and intuitive tool. Yet, acceptance of this rather valuable adjunct to astrology has been slow. In her book, Hill develops the themes of each degree so that the symbols can be accessed as a type of oracle or divinatory tool—like a Western astrological *I Ching*. She also provides a set of cards to aid the reader and querent.

The position of the Sun or a planet can be read as corresponding to a particular degree of a zodiac sign. For instance, the September 11, 2001 position for Mars corresponds with the Capricorn 2 Sabian symbol: "Three stained-glass windows in a Gothic church, one damaged by war". Meaningful to some, but obtuse to others. But as with all divinatory systems, you get out of the symbols what you want or need to know.

Hill, an experienced astrologer, includes a chapter on Hitler's chart interpreted according to the Sabian symbols, and a section on how to prepare and use the oracle cards.

THE BROOKHAVEN CONNECTION by Wade Gordon

Sky Books, USA, 2002
ISBN 0-9678162-1-1 (243pp tpb)
Price: US\$19.95 + US\$10.00 p&h to
Aust/NZ; £16.99; Euro25.90
Availability: **USA**—Sky Books, email sky-
books@yahoo.com; Adventures Unlimited,
website [http://www.adventuresunlimited-
press.com](http://www.adventuresunlimited-
press.com); **UK**—Gazelle Book Services, tel
01524 68765; **Europe**—NEXUS Office

The Brookhaven National Laboratory (BNL) on New York's Long Island has been well known for decades as a top-notch nuclear research facility, but it is also

alleged to be the site of above-top-secret investigations into time travel, mind control and communication with extraterrestrials.

The Brookhaven Connection is the personal story of Wade Gordon, who grew up in the close-knit community around BNL. He claims that in 1968, as an eight-year-old with a curiosity for science, he was taken under the wing of the director of the *Phoenix* Project—successor to Project *Rainbow*, the secretive program that oversaw the so-called Philadelphia Experiment in 1943. With input from Einstein, Tesla and von Neumann, it allegedly opened a portal to hyperdimensional space-time.

From what Gordon found out, the *Phoenix* brief was expanded to include involvement with alien technology retrieved from the Roswell crash of 1947 and with the 1980s-era Montauk Project that was also related to the Philadelphia Experiment. Only 32 years later was Gordon, now a biopsychologist, able to piece together these sometimes frightening childhood memories: viewing a time-travel chamber once used to disprove the "lone gunman" theory of the JFK assassination so as to secure another 20 years of funding for *Phoenix*; examining an alien spacecraft teletransported to a cavernous lab 10 storeys below BNL; and a meeting with a spiritual, Nordic-type alien who could read his mind. His story cuts out where he glimpses a "dinosauroid" alien, so we're kept in limbo till the next book.

In any case, Wade Gordon believes he was shown these wonders so he would write about them at the right time—which would seem to be now. Peter Moon, one of the researchers responsible for the Montauk books series, provides the foreword and epilogue to this intriguing tale.

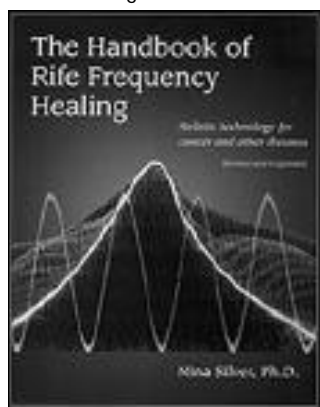


REVIEWS

THE HANDBOOK OF RIFE FREQUENCY HEALING

by Nina Silver, PhD

Center for Frequency Education, USA, 2001 (revised & expanded)
ISBN 0-9668352-3-9 (435pp l/f tpb)
Price: US\$60.00 + US\$10 priority s&h in USA, + US\$17 air to Canada, + US\$24 airmail to Aust/NZ, + US\$22 to UK/Eur
Availability: **USA**—Center for Frequency Education, PO Box 952, Stone Ridge, NY 12484-0952, tel (845) 687 0963, website <http://www.healingheart-harmonics.com>



Just when we've reviewed an ultimate Rife manual (9/04), along comes another one which we can highly recommend. Nina Silver's *The Handbook of Rife Frequency Healing* is a must for Rife therapy practitioners and energy frequency healers. This is a newly revised edition which over the last eight years has been expanded with input from practising Rife therapists.

There is a growing worldwide movement to restore the high status that Dr Royal R. Rife and his discoveries enjoyed in the 1930s and 1940s—before they were driven underground by the medical authorities for being too successful.

With his Universal Microscope, Dr Rife was able to view living micro-organisms, and with his Beam Ray device he could use specific frequencies to target and kill the bugs responsible for cancer and many other illnesses that plague humanity. Dr Silver puts it all into context in her first two chapters, "The Politics of Illness and the Nature of Health" and "The History of Pleomorphism and the Inventions of Rife".

In line with her philosophy of balanced holistic health, Dr Silver includes a chapter of "Suggestions to Strengthen and Support Your System", originally aimed at Rife therapists dealing with sudden microbial die-offs. Next, she has a comprehensive section on FAQs about Rife equipment and sessions before she launches into on her mega A-Z Frequency Directory, which is set out in an easy-to-understand tabular form.

Her final chapter is a reflection on personal, political and transpersonal levels and on moving towards a new paradigm of healing. Dr Silver caps it all off with appendices that include an extensive resources section and bibliography, and a list of frequencies of biowarfare agents. An impressive edition!

THE NEW RULERS OF THE WORLD

by John Pilger

Verso/New Left Books, UK, USA, 2002
ISBN 1-85984-393-X (246pp hc),
1-85984-393-X (pb)

Price: A\$30 (hc); NZ\$39.95 (hc); £40 (hc), £12 (pb); Euro24.90 (hc); US\$60 (hc), US\$19 (pb); C\$87 (hc), C\$28 (pb)

Availability: **Aust/NZ**—Macmillan; **UK**—Verso, tel 020 7437 3546; **Europe**—NEXUS Office; **USA**—Verso, tel (212) 807 9680, website <http://www.versobooks.com>

In his latest collection of expanded essays, *The New Rulers of the World*, investigative journalist John Pilger sets the scene with reference to Orwell's chilling *Nineteen Eighty-Four*—only today's slogan, "the war on terrorism", he interprets as "the war is terrorism". This book takes its title from his 2001 film, in which he explained how the imposition of a global economy in Asia commenced with Suharto's bloody seizure of power in Indonesia in the mid-1960s. The first chapter expands on this, showing how the economy was carved up sector by sector by powerful transnationals.

The idea that links each of the four chapters is that the new globalisation is the legacy of the old imperialism returned to "respectability". But this doesn't mean the state itself has been subjugated; it's actually a protector of rampant capitalism at the expense of social equity and democratic freedoms. Increasingly we're seeing valid dissent suppressed as the leaders of the free world call for "total war" against terror and pass the most draconian legislation in history. In depicting the plight of Iraqis, who have suffered a decade of sanctions and a few million deaths since the Gulf War, and of Afghans, several thousand innocents killed from October to December 2001, Pilger makes us ask why we should tolerate a UN Security Council whose five permanent members have the power of veto.

In the final chapter, Pilger returns to his Australian roots to focus on the ongoing struggle of the Aboriginal people as well as "illegal" asylum seekers in the face of "one of the most intransigent and meanest political establishments"—the Liberal government of John Howard. Here, as everywhere, freedom-loving people must make a stand if we really value human rights. Pilger's book is a wake-up call to us all.

REVIEWS



ROGUE STATE: A Guide to the World's Only Superpower by William Blum

Common Courage Press, USA, 2000,
revised foreword 2001

ISBN 1-56751-194-5 (198pp pb)

Price: A\$23.95; NZ\$25.73 + \$7 p&h;

£14.99; Euro24.90; US\$18.95

Availability: **Aust/NZ**—Astam Books, tel +61 (0)2 9566 4400, <http://www.astam-books.com.au>; **UK**—Zed Books, tel 020 7837 0384, <http://www.zedbooks.demon.co.uk>; **Europe**—NEXUS; **USA**—Common Courage Press, tel +1 (207) 525 0900, <http://www.commoncouragepress.com>

In the foreword to this revised edition of *Rogue State*, penned on September 19, 2001, William Blum writes that "Only the American people stand between the bombers and the bombed". But if there's to be any hope of their effecting a change of stance, "their consciences and intellects will have to be awakened", he says. People all over the globe can concur with this, and Blum should be applauded for actually saying it.

Blum's rundown on the misdeeds of US foreign policy in the last half-century should surely serve to shake a few more Americans out of the tendency to react with outpourings of patriotism rather than reflection—reflection on the idea that peoples around the world who have been wrongly done by at the hands of misguided US policy (and missiles) might actually have a valid gripe.

In Blum's opinion, Americans also need to take a good, hard look at the military-industrial establishment and ask whose interests it's really serving. Every time we tune in to the mainstream media, we hear more empty "war on terrorism" doctrine from Bush and his cronies, but we're usually left to read between the lines ourselves. Blum's book serves well to fill in the subtext.

In the first part, he looks at Washington's love/hate relationship with terrorists, war criminals and other human-rights violators—a relationship that has not prevented the funding of so many over the years. Next, he examines the history of US use of weapons of mass destruction—nuclear, depleted uranium, chemical and biological—not just abroad but at home. This is in sharp contrast to US pronouncements against use of such weapons by anyone else.

Finally, he shows up the successive ruling US governments for their global interventions since 1945, their perverting of electoral processes, their eavesdropping on the planet, their phony "war on drugs" facilitated by the CIA, and their intrinsic denials of freedoms that are supposedly written into the US Constitution and Bill of Rights. But what else can we expect of what has all the hallmarks of a fascist state?

VIDEO

Reviewed by Ruth Parnell

THE TRUTH AND LIES OF 9-11

A Lecture by Mike Ruppert

© *From The Wilderness* Publications,

USA, 2002 (138mins, PAL & NTSC)

Price: A\$44.00; NZ\$55.00; £18.00;

US\$24.95 + \$7.50 in USA, +\$20 o/s s&h

Availability: **Aust/NZ/UK/Europe**—

NEXUS offices; **USA**—*From The Wilderness*, PO Box 6061-350, Sherman Oaks, CA 91413, tel (818) 788 8791, <http://www.fromthewilderness.com>

This is one powerful video. It's produced and directed by Mike Ruppert, the former LAPD narcotics investigator whose groundbreaking research, published in his newsletter *From the Wilderness* and on his website (<http://www.copvicia.com>), is causing a stir in high places. Ruppert was among the first to be publicly critical of the official 9-11 story, and here he presents evidence that proves the US government had foreknowledge of, if not complicity in, the tragic events of September 11, 2001.

The scene is set with introductory video clips, including coverage of Mike's own run-in with then CIA Director John Deutch in 1996, when at a public hearing he posed an uncomfortable question about the CIA's role in drug trafficking—his "greatest moment". Then the video continues with his first public talk post-9-11, which he gave at Portland State University, Oregon, on November 28, 2001. Mike, by the way, is a UCLA political science honours graduate, and has a great feel for history and what goes on behind the scenes as well as a keen sense of humour and irony. His policy is only to present information whose facts can be confirmed by government documents, official statements or verifiable press sources.

In his extensive talk, Mike exposes some of the geostrategic planning that the US has engaged in over the last nearly two decades so it may lay claim to vast potential profits in gold, oil and drugs in the region of the many *-stans*, with help from the likes of Halliburton and of course the CIA. This is essential background in understanding the events of 9-11. He reveals startling CIA links to Wall Street drug money laundering, alarming predictions of imminent US economic collapse, a damning timeline of 9-11-related events, and more. This is interspersed with video commentary from notable whistleblowers, politicians and academics. The text of documents is presented in a close-up bar for ease of reading.

Mike is a great communicator (he was a huge hit at our last NEXUS Conference; see review next page), and a man of integrity.



REVIEWS

VIDEOS

Reviewed by Duncan Roads

2002 NEXUS CONFERENCE VIDEOS

Produced by: E & E Productions, PO Box 444, Oaklands Park, SA 5046, Australia, tel/fax +61 (0)8 8298 8449, website <http://www.eande.va.com.au>

Available from:

- **Australia** (PAL/VHS) – all videos are \$35.00 each, inc. GST + p&h; order from E & E Productions (see above)
- **New Zealand/South Pacific** (PAL/VHS) – all videos are NZ\$55.00 each, inc. GST + p&h; order from NEXUS NZ Office
- **UK/Europe** (PAL/VHS) – all videos are £16.00 each, inc. VAT + p&h; order from NEXUS UK Office
- **USA/Canada** (NTSC/VHS) – all videos are US\$35.00 each, inc. airmail postage; order from E & E Productions, Australia (see above)

• **Skip Atwater** (90mins)

Remote Viewing & the Hemi-Sync Process – Skip is director of research at the famous Monroe Institute, where out-of-body investigations have been conducted for decades. Skip outlines his military intelligence background and involvement with setting up remote viewing protocols. There's fascinating discussion of Joe McMoneagle's remote viewing of an ancient Martian civilisation.

• **David Hatcher Childress** (90mins)

Megaliths, Atlantis & the Power System of the Gods – Drawing on his own extensive personal travels and investigations, David takes you on a visual tour of the ancient mystery sites of the world, particularly those with evidence of advanced technology. David's latest interest lies in the mystery of the obelisks found in many ancient cultures and their link to a possible energy source.

• **Dr Len Horowitz**

Death in the Air: Globalism, Terrorism & Toxic Warfare – This presentation was not recorded, as Len already has it available as a professionally produced video via his website, <http://www.tetrahedron.org>.

• **Internet Security Team** (90mins)

Big Brother and the Internet 2002 – A team of freelance investigators and Internet security advisers returns by popular demand and demonstrates yet more hacking and prevention techniques, security insights and examples, plus other tips and tricks you should know for and about your computer.

• **Brian Martin** (90mins)

Strategies for Dissidents – What do you do when you want to "blow the whistle"? Who do you turn to? How successful have others been with their cases and causes? These questions and answers and more are covered in this most informative talk. If you want to see how others have fared in their respective crusades and want to avoid their mistakes, you need this video.

• **Gary Opit** (90mins)

Unexplained Phenomena in Australia – Gary is a professional naturalist and researcher. He has spent more time in the bush than most care to think about, and his knowledge reflects his passion for nature. Gary has devoted years to gathering information on the more mysterious side of Australian wildlife, including yowies (Australia's "Bigfoot", for those don't know), prehistoric/Loch Ness-type river monsters, giant lizards and much more.

• **Mike Ruppert** (90mins)

The Truth Behind September 11 – Mike Ruppert is truly a captivating and informative speaker. While he already has a well-produced video on 9-11 available, this conference presentation includes a lot more recent material. Financial foreknowledge, the geopolitics of oil, the cosy Bush-bin Laden financial history and the grand chess-game—all this and more are exposed in Mike's rivetting presentation.

• **Sherrill Sellman** (90mins)

Hormone Lies, Hormone Truths – For years, Sherrill has been warning men and women that we are not being told the truth about our hormones and hormonal drugs. Absolutely rivetting and info-packed presentation that should be compulsory viewing for everyone who values health and empowerment.

• **Saturday Night Forum** (120mins)

On the Saturday evening, there were three presentations: Marlene West and Greg Elton, on the latest in high-tech light and colour therapy; Dr Bob Grace, with an update on the TGA and Codex plus an overview of magnetic field therapy; and finishing with Ian Hacon, doing his round-up of free energy research in Australia.

• **2002 Conference Highlights** (2hrs)

A comprehensive "highlights" video is available for A\$45.00, NZ\$66.00, £20.00 or US\$45.00.

REVIEWS



MUSIC

Reviewed by Richard Giles

TAIKO NE SEKAI

by TaikOz

TaikOz, Australia, 2001 (64mins)
Distributors: **Australia**—New World Music, tel (02) 9565 4522, website <http://www.taikoz.com>; **USA**—New World Music, tel (303) 415 1040; **UK**—New World Music, tel 01986 781682, <http://www.newworldmusic.com>

Last edition I reviewed an album of dhol, a two-headed wooden drum, the loudest in Indian percussion. This issue it's the taiko drum, among the largest in the world. Shakuhachi flute master Riley Lee, co-founder of the TaikOz drum group, is also a skilled taiko drummer (NEXUS 7/05). The power of a taiko concert has to be felt and experienced, and, here, TaikOz combines deep drum rhythm with the ethereal sound of the shakuhachi. This album includes a seven-minute Quicktime file of a powerful taiko concert held in Brisbane in 2001.

ONCE IN A RED MOON

by Secret Garden

Universal Music, UK, 2002 (51mins)
Distributors: **UK/USA/Aust/NZ**—Universal Music, website <http://www.universalmusic.com>

Having praised Secret Garden's earlier albums (NEXUS 3/04, 6/06), it's a pleasure to hear their new CD. Norwegian keyboardist Rolf Lovland and Irish violinist Fionnuala Sherry combine sweeping harmonies from traditional Celtic and Scandinavian instruments and songs. It's captivating stuff! Guests include Karen Matheson from the Irish group Capercaillie, Julian Lloyd Webber on cello, Swedish harpist Åsa Jinder from the debut album, and Brian Kennedy of *Riverdance* fame with Uilleann piper Liam O'Flynn. This is a hauntingly beautiful collection.

MONDO RAMA

by Jai Uttal and the Pagan Love Orchestra

Narada, USA, 2002 (61mins)
Distributors: **USA**—Narada, tel (414) 961 8350; **Aust**—MRA Entertainment, tel (07) 3849 6020; **UK**—Real World

Jai Uttal is a unique US performer who has done much to bring Indian fusion music with traditional lyrics to a wide audience (see NEXUS 3/01). This is his fifth album, and with his group, the Pagan Love Orchestra, he has moved far in presenting Indian sounds. His haunting voice has a special timbre. Several tracks stand out on

Mondo Rama, including Jai's version of "Tomorrow Never Knows" by Lennon and McCartney. He's done wonders with it: the sound will make you cry for more.

VHUNZE MOTO

by Oliver Mtukudzi

Putumayo, USA, 2002 (54mins)
Distributors: **USA**—Putumayo, tel 1888 788 8629, <http://www.putumayo.com>; **UK**—Pinnacle Imports, tel 01689 870622; **Aust**—MRA Entertainment

The title of Oliver Mtukudzi's newest album, *Vhunze Moto*, translates as "burning ember" in his native Shona language—a reference to political and social turmoil in his homeland of Zimbabwe. The music has a very danceable, irresistible movement, conjuring up vision with potent meaning but presented without fuss. Read the lyrics of tracks such as "Moto Moto" ("Fire is Fire") and "Magumo" ("How will it all end?") for Oliver's insistent messages. Wonderful music from a man of insight.

PLANET YOGA

by various artists

Karuna, USA, 2002 (2CDs, 118mins)
Distributors: **USA**—Karuna Music, tel (310) 456 9063, <http://www.karunamusic.com>; **UK**—Proper Music, tel 08704 440799; **Australia**—MRA Entertainment

Subtitled "Music for Yoga, Meditation and Peace", this is a double album of songs and melodies from the Indian yogic tradition, designed for meditation or for any physical discipline such as yoga, tai chi or relaxation techniques. The first disc contains songs and chants from artists such as Krishna Das, Jai Uttal, Dave Stringer and Rasa. The second disc features music from Ali Akbar Khan, Benjy Wertheimer and Drala. The first track on CD two is a particularly inspiring acoustic guitar and bansuri flute piece from Drala's Steve Gorn and David Nichtern. A stimulating collection.



The Dotto Ring: A Healing, Age-Reversal Device

Continued from page 41

the Ring Device are unique in their nature and not replaceable by any artificial means.

In the Ring Device, the following phenomena can be detected:

1) The voltage is maintained at a minimum of 25 to 45 millivolts. This EMF will produce 120 gauss at the Ring circumference and 10 gauss at the centre of the Ring. This is approximately five times the Earth's magnetic field. This magnetic field is sufficient to maintain the orientation of the human body, but too weak to jeopardise the orbital spinning in the H-bonding of the DNA.

2) In the electromagnetic field and permanent magnet, the electrons travel from the south toward the north pole. If this type of magnetic field is applied to the human body, it will have the same deteriorating effect as if the jumper used to start a car is connected to the opposite polarity of the battery. In the Ring, the EMF travels from the positive pole toward the negative in the same fashion that dry batteries are instantly charged by inductive methods.

3) Like in any electrical circuit, the energy across the Ring is regulated by

Ohm's law, where $E = .045$ volt, $R = 5 \times 10$ to the negative 6th, and $I = 9,000$ amps, as explained before.

It is quite obvious that there is enough energy to supply every one of the 6.3 trillion human cells the proper energy needed. The energy from the Ring is transferred to the body by an inductive method similar to the one used to instantly charge a dry battery. During the treatment, the Ring is maintained at constant slow motion of 1.5 inches per second. This velocity is sufficient to cause energy transfer from the Ring to the body by inductive method, but not fast enough to create any disturbance to the electron orbital spinning in the DNA H-bonds. In the process, the parasite cells (cancer cells) are also charged to the energy level of the healthy cells, and like a faulty car battery they release the energy and reverse polarity at each end of the inductive effect.

Four to five passages of the Ring near the tumour are sufficient to deprive the cell energy and to reverse the orbital spinning of the electrons in the phosphate bonds. In this condition, the bases of the DNA repel each other and the DNA dissolves. At the end of the cell life-span, the tumour

disappears. Of course, for the Ring to be effective, the treatment must start when the disease is first detected. Radiations of any nature prior to the Ring treatment will accelerate the orbital electron spinning in the DNA H-bonds and will jeopardise the benefit of the Ring treatment.

From the above clarification it is quite evident that the Ring Device does not remagnetise, reorient and homogenise the magnetic field in the body by external magnetisation, but by energy transfer in the inductive fashion. Let's explain with an example. Consider an electric generator where the rotor is formed of a plurality of magnetic poles. If the rotor is rotated by external means, the coil winding of the stator absorbs and transfers EMF at the expense of the magnetic pole (electric generator). If EMF is supplied to the stator winding, the rotor generates power (electric motor) at the expense of external EMF, while the magnetic pole of the rotor will gain intensity.

The human body is like a rotor with an infinite number of poles, DNA frequencies, field orientations, etc. By applying energy from the stator (Dotto Ring), the body will create power while the magnetic level,

The Dotto Ring: A Healing, Age-Reversal Device

Continued from page 74

DNA H-bond and the field orientation will gain intensity. The Ring then transfers energy to the body and does not force the body to give up energy by means of external magnetic field.

Furthermore, as will be explained later, the electrons at the end of the sugar phosphate rod and in the atom of hydrogen (H-bonds) present at the ends of the bases (nucleotides) have the electron orbital spinning in different directions. This is to ensure that sugar is bonded only with phosphate, adenine only with thymine, and guanine only with cytosine.

When, in the six billion bases joined together to form the human DNA, one or two electrons spinning in the phosphate bond are forced to reverse orbital direction by means of a cosmic ray, radiation, high energy photon, microwave beam (radar), permanent magnet, high-intensity electromagnet, laser, etc., due to the property of the sugar crystal to rotate the plane of polarised light to the right, the DNA immediately will release the hit base and attract a new one to re-establish the genetic code.

But now it is quite possible that the new base connects itself upside down: phosphate with phosphate, sugar with sugar, and adenine or thymine with cytosine or guanine. The elements attract each other because of opposite directional spinning of the electrons in the H-bonds and not because of different chemical composition. The DNA now is completed again, but with a wrong sequence in the genetic information. By re-establishing the homogeneity of the magnetic orientation of the DNA by means of inductive energy, the wrong base is rejected again and the proper one is attracted.

In nature, plants like peach, apricot, etc. restore the proper DNA sequence by means of glycosides, always present in the fruit pit. Glycosides are solids, generally crystalline, and most have a bitter taste. Their solution shows the property of rotating the plane of polarised light to the left. Under the influence of naturally occurring substances (enzymes) present in trace amounts in neighbouring cells, glycosides can be split into one or more sugar and non-sugar portions, termed "amygdalin". The amygdalin shows a greater property of rotating the plane of polarised light to the left than

the crystalline sugar to the right. Under the influence of ultraviolet light coming from the Sun, the plane of polarisation is shifted to the left and the proper orbital electron spinning in the phosphate base is restored. The DNA readjustment effect is proportional, of course, to the amount of ultraviolet light available to the plant. For humans, the use of inductive energy is more effective and less complicated.

The Thompson-Peltier effect, then, such as produced in the Ring Device, is unique in its form and energy creation and cannot be replaced by any artificial means.

The Ring is capable of creating a field feasible for use on the human body as a product of the voltage intensity similar to the voltage measured across a normal cell, but with a current intensity greater than the total amount of energy measured across the entire human body (3,000 to 6,000 amps).

Editor's Note:

This file is reproduced with permission from Jerry Decker of KeelyNet: PO Box 111786, Carrollton, Texas 75011-1786, USA, email jdecker@keelynet.com, website <http://www.keelynet.com>. Jerry's commentary will be published in NEXUS 9/06.

Continued next issue...

Continued from page 59

that craft located?" Now they were not happy with me, but I continued. "A craft like this must have had a crew. What did you do with those people? This is clearly not American or Soviet technology, is it, boys? This is some kind of extraterrestrial entity. How old is it? Did you dig it up? Is it millions of years old or did you guys shoot it down?" And man, they got really upset. They told the MPs to take me down off the engine. As I was coming down, I was really pissed off. I was so pissed off because I had had enough.

At this point, I knew where I was. I knew that this engine was from somewhere other than Earth. I didn't know where it had come from or how long they had had it, but it was obvious that my whole world was coming undone in that moment. I grew up in a world where the government would never lie. We had just landed on the Moon the year before. And here the Air Force had this technology and they weren't saying anything, which made me furious.

ROBERT: Let's back up a little. When you were on the engine, there was something that you saw, which you told me

about in a previous conversation and which I found really fascinating. How and when did you see the interior of the reactor? Can you describe the crystals?

DAVID: What happened was I asked for permission to inspect the damaged area inside of the engine where it had been blown open. They hesitated on that request.

ROBERT: This was before you made them angry?

DAVID: Before I came out of that damaged area, totally pissed off...because when I got down in this thing, they told me to make it brief. So I got down and looked in the area. Man, there was some incredible-looking technology up and down this engine. And I couldn't get more than three feet into it before I came up to a wall. And this wall...it was like the iris/shutter on a camera lens. It had lots of interlocking fans that contract or expand—and I've always thought that would make the coolest door. Well, there was this little round pod-thing there, and I just put my hand on it; and when I did, the wall just shuttered open.

ROBERT: It opened for you?

DAVID: It made a slight noise.

ROBERT: Maybe that's where they got

the inspiration for the door design you saw at Area 51?

DAVID: It could have been. I have no idea. But I got to look deeper into the engine. And what I saw in there was fascinating. It was such a trip being there because whenever I worked on *my* fusion engines, everything was so small; some parts I even had to machine under a microscope. Now, here was a replication of my basic design that was big enough to walk through. But man, this thing...what I had manufactured to achieve a certain function in my engine, this thing would have something else in its place. And this something else would be stuff I couldn't begin to recognize. There were these crystals that were facing each other. They were fabulous-looking crystals. And they were integrated into this plasma duct type thing.

And in my engine, I had such a hard time getting a cyclotron to curve the blast waves I needed for propulsion. This thing had some kind of venting system that allowed them to flush their plasma out through an area that looked like the gills of a shark. The whole thing was so organic looking. It looked like a living machine—both organic and inorganic incorporated together. It was

Continued from page 76

an oxymoron. How do you explain something like that? So anyway, I just got to see a lot of stuff in there that I couldn't believe.

ROBERT: How many minutes were you in the interior alone?

DAVID: I don't think I was in there more than five minutes. I know that doesn't sound like a very long time, but it felt like I was in there a week.

ROBERT: And I believe you said you have a photographic memory.

DAVID: Yeah. I was just clicking non-stop. I was just absorbing it all in. And when I left, I didn't touch that pod, right? But as soon as I passed that area, the door closed behind me. I never told the Air Force guys that I went into that part of the engine. I don't think they ever knew there was another compartment in the interior that they could enter.

ROBERT: Why?

DAVID: I don't believe that it allowed them access. There was a presence, though, about this engine. Just like you have a presence of a person and an entity. It just had its own. So I came out of the engine and was totally pissed off because I

knew there was no way we could have built it. It was using some kind of crystal containment field power that we can't even imagine. I would have to work on it for a long time to figure out how they were doing the fractions. Where I was using the plasma in a linear mode, this thing was designed to go any direction it wanted with its plasma flows. That's impossible.

ROBERT: With a rocket?

DAVID: Yeah. This thing could do *anything*. And I really wondered who in the hell built it. So as I started coming down the outside of the engine. After we got into a big argument, I noticed that now, wherever I touched the engine, it was no longer reacting with the nice blue and white swirls of energy. They had changed to a reddish-orange flame-looking pattern. And as I calmed down to try and figure out what that was, it changed back to the bluish white, more tranquil-looking pattern.

That's when I realised that the engine is not just heat sensitive; it reacts to mental waves. It is symbiotic and will lock on to how you think and feel. This allows it to interface with you. And that means this thing was aware. And it knew it was there. And I knew that it knew I was there...

About the Interviewee:

David Adair is an internationally recognised expert in space technology spinoff applications for industry and commercial use. At age 11, he built his first of hundreds of rockets which he designed and test-flew. At 17, he won "The Most Outstanding in the Field of Engineering Sciences" award from the US Air Force. At 19, he designed and fabricated a state-of-the-art mechanical system for changing jet turbine engines for the US Navy that set world-record turnaround times that still stand today.

David Adair is the president of Intersect, Inc., and he lectures and provides consulting services to companies and organisations that want to know how to use the latest cutting-edge technological advances. Email him at adair@flyingsaucers.com, or visit his website at <http://www.flyingsaucers.com/adair1.htm> for additional background or to order his videotape and audiotape lecture series.

About the Interviewer:

Robert M. Stanley is a writer and researcher specialising in technology trends. His articles have been featured in numerous publications and he has appeared on various television and radio programs. Currently he is serving as an R&D consultant for an international corporation. He can be emailed at rstanley@socal.rr.com.